

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012722\
 Data File : VD071792.D
 Acq On : 27 Jan 2022 10:07
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/28/2022
 Supervised By : Mahesh Dadoda 01/28/2022

Quant Time: Jan 27 15:36:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	446460	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	742608	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	674362	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	316320	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	283871	50.305	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.600%			
35) Dibromofluoromethane	7.914	113	247275	50.657	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.320%			
50) Toluene-d8	10.338	98	962872	52.817	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.640%			
62) 4-Bromofluorobenzene	12.626	95	320228	50.301	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.600%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	242392	45.783	ug/l	98
3) Chloromethane	2.215	50	286907	45.263	ug/l	95
4) Vinyl Chloride	2.362	62	309532	46.644	ug/l	97
5) Bromomethane	2.785	94	214236	48.929	ug/l	98
6) Chloroethane	2.932	64	201242	47.852	ug/l	100
7) Trichlorofluoromethane	3.285	101	462192	48.599	ug/l	98
8) Diethyl Ether	3.715	74	120382	47.973	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.103	101	264307	49.261	ug/l	100
10) Methyl Iodide	4.309	142	289936	52.711	ug/l	98
11) Tert butyl alcohol	5.215	59	75775	220.503	ug/l #	89
12) 1,1-Dichloroethene	4.073	96	241009	49.136	ug/l	99
13) Acrolein	3.926	56	106477	212.439	ug/l	96
14) Allyl chloride	4.720	41	475249	50.831	ug/l	98
15) Acrylonitrile	5.420	53	293537	230.158	ug/l	100
16) Acetone	4.162	43	386768	250.380	ug/l	100
17) Carbon Disulfide	4.420	76	819346	47.907	ug/l	97
18) Methyl Acetate	4.720	43	133511	39.976	ug/l	97
19) Methyl tert-butyl Ether	5.485	73	564161	48.079	ug/l	100
20) Methylene Chloride	4.979	84	273819	48.448	ug/l	95
21) trans-1,2-Dichloroethene	5.479	96	284152	49.763	ug/l	100
22) Diisopropyl ether	6.367	45	923287	50.385	ug/l	96
23) Vinyl Acetate	6.309	43	2598399	257.038	ug/l	100
24) 1,1-Dichloroethane	6.267	63	532365	49.843	ug/l	98
25) 2-Butanone	7.214	43	430631	239.133	ug/l	96
26) 2,2-Dichloropropane	7.214	77	450762	50.999	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	309428	50.453	ug/l	99
28) Bromochloromethane	7.550	49	189637	47.073	ug/l	100
29) Tetrahydrofuran	7.561	42	243592	228.615	ug/l	99
30) Chloroform	7.709	83	525348	48.144	ug/l	98
31) Cyclohexane	7.991	56	513470	47.662	ug/l	99
32) 1,1,1-Trichloroethane	7.903	97	475036	49.356	ug/l	98
36) 1,1-Dichloropropene	8.114	75	420582	50.200	ug/l	99
37) Ethyl Acetate	7.291	43	179489	46.079	ug/l	99
38) Carbon Tetrachloride	8.103	117	419617	50.645	ug/l	99
39) Methylcyclohexane	9.356	83	501501	51.660	ug/l	95
40) Benzene	8.356	78	1124178	49.708	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	91548	41.543	ug/l #	82
42) 1,2-Dichloroethane	8.426	62	348879	48.853	ug/l	98
43) Isopropyl Acetate	8.450	43	332229	47.455	ug/l	98
44) Trichloroethene	9.114	130	289282	49.540	ug/l	100
45) 1,2-Dichloropropane	9.385	63	285557	48.969	ug/l	96
46) Dibromomethane	9.473	93	150592	49.320	ug/l	98
47) Bromodichloromethane	9.661	83	395175	48.937	ug/l	99
48) Methyl methacrylate	9.456	41	172084	46.445	ug/l	94
49) 1,4-Dioxane	9.461	88	31134	893.349	ug/l	99
51) 4-Methyl-2-Pentanone	10.226	43	863400	235.667	ug/l	100
52) Toluene	10.403	92	725193	51.567	ug/l	97
53) t-1,3-Dichloropropene	10.620	75	369360	49.801	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	435170	50.056	ug/l	100
55) 1,1,2-Trichloroethane	10.797	97	190341	46.971	ug/l	96
56) Ethyl methacrylate	10.655	69	247961	49.421	ug/l	97
57) 1,3-Dichloropropane	10.944	76	347270	48.002	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	575182	243.526	ug/l	99
59) 2-Hexanone	10.979	43	656957	247.060	ug/l	99
60) Dibromochloromethane	11.138	129	244035	48.767	ug/l	98
61) 1,2-Dibromoethane	11.244	107	188176	48.197	ug/l	100
64) Tetrachloroethene	10.873	164	235636	49.398	ug/l	93
65) Chlorobenzene	11.667	112	714834	50.105	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	260718	50.233	ug/l	99
67) Ethyl Benzene	11.744	91	1382714	52.672	ug/l	98
68) m/p-Xylenes	11.850	106	1063566	106.516	ug/l	99
69) o-Xylene	12.173	106	479931	52.891	ug/l	99
70) Styrene	12.191	104	818979	52.363	ug/l	99
71) Bromoform	12.355	173	133912	48.324	ug/l #	99
73) Isopropylbenzene	12.473	105	1303374	53.212	ug/l	100
74) N-amyl acetate	12.285	43	298956	49.630	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.726	83	208522	46.003	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	168362m	50.504	ug/l	
77) Bromobenzene	12.755	156	277067	50.851	ug/l	96
78) n-propylbenzene	12.814	91	1636726	53.290	ug/l	100
79) 2-Chlorotoluene	12.902	91	906005	52.055	ug/l	100
80) 1,3,5-Trimethylbenzene	12.955	105	1076475	52.985	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	66376	48.957	ug/l	98
82) 4-Chlorotoluene	12.996	91	950787	52.507	ug/l	98
83) tert-Butylbenzene	13.214	119	937807	55.698	ug/l	97
84) 1,2,4-Trimethylbenzene	13.261	105	1064215	53.251	ug/l	99
85) sec-Butylbenzene	13.396	105	1406171	53.374	ug/l	100
86) p-Isopropyltoluene	13.508	119	1162909	54.320	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	559984	50.613	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	550053	49.814	ug/l	99
89) n-Butylbenzene	13.832	91	1126180	53.617	ug/l	99
90) Hexachloroethane	14.102	117	219183	51.506	ug/l	98
91) 1,2-Dichlorobenzene	13.879	146	465753	49.191	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	33304	44.365	ug/l	99
93) 1,2,4-Trichlorobenzene	15.149	180	288001	52.069	ug/l	98
94) Hexachlorobutadiene	15.255	225	155500	51.559	ug/l	98
95) Naphthalene	15.385	128	509269	46.453	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	237843	50.168	ug/l	99

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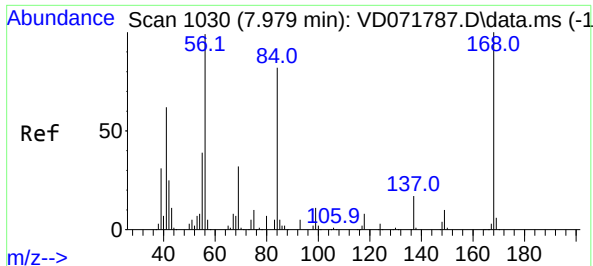
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 01/28/2022

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Quant Title : SW846 8260
QLast Update : Thu Jan 27 06:04:38 2022
Response via : Initial Calibration

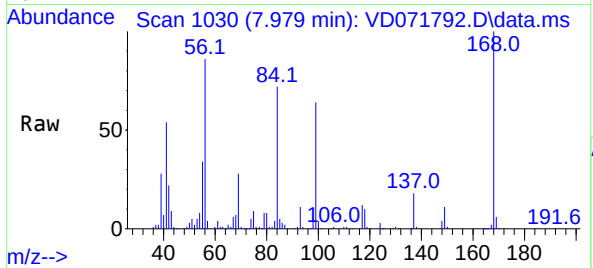
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071792.D
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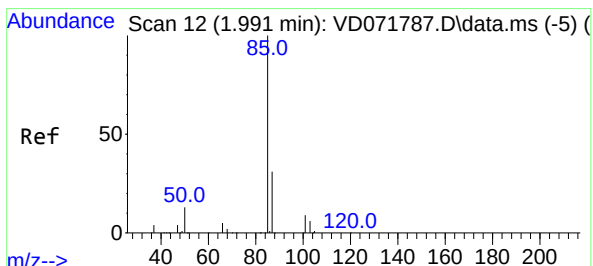
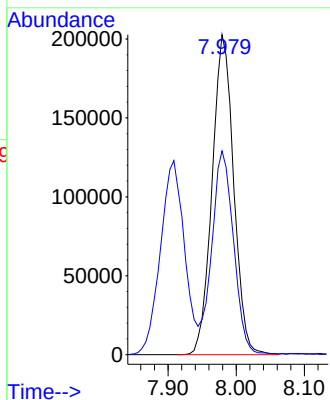
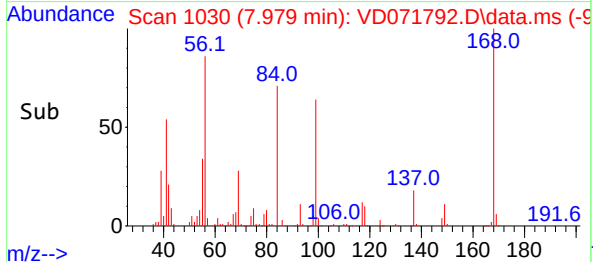
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



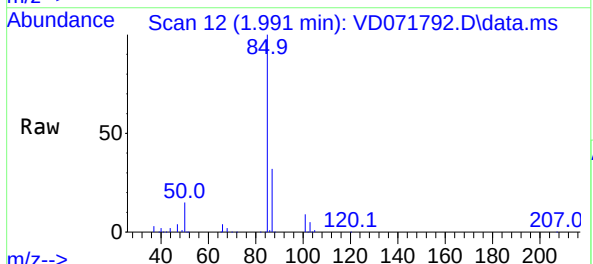
Tgt Ion:168 Resp: 446460
Ion Ratio Lower Upper
168 100
99 63.4 49.8 74.6

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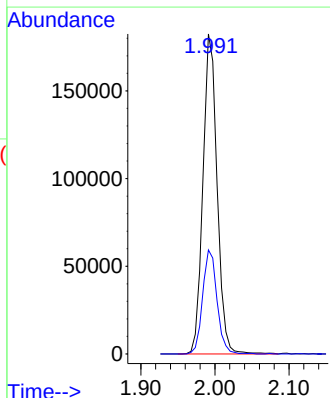
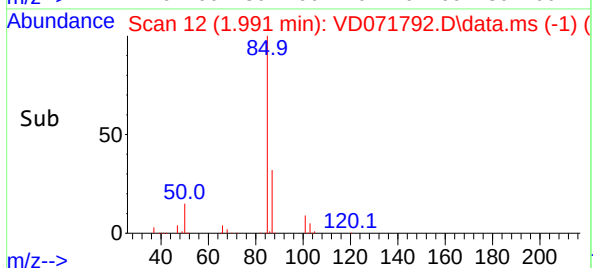
Reviewed By :John Carlone 01/28/2022
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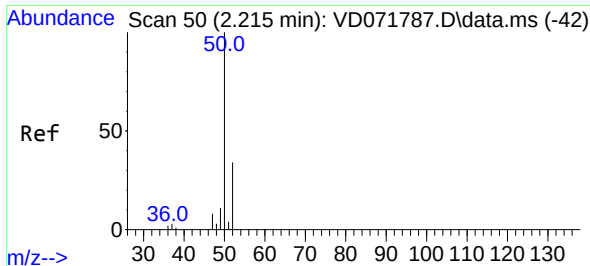


#2
Dichlorodifluoromethane
Concen: 45.783 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07



Tgt Ion: 85 Resp: 242392
Ion Ratio Lower Upper
85 100
87 32.5 15.7 47.0





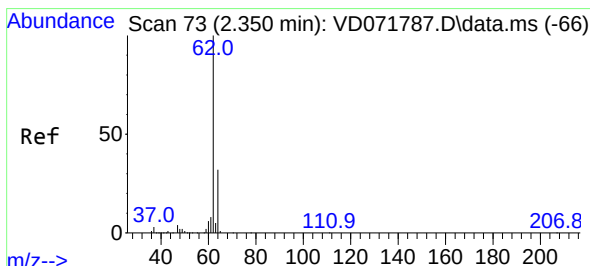
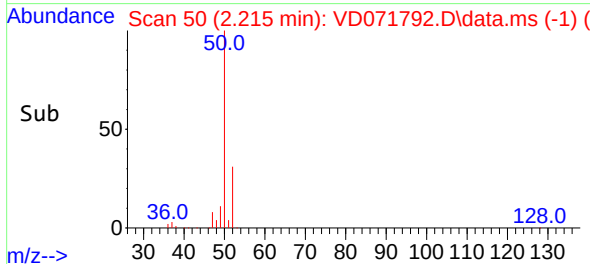
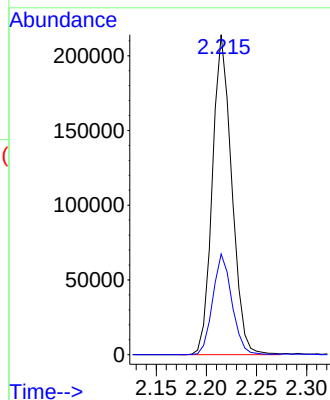
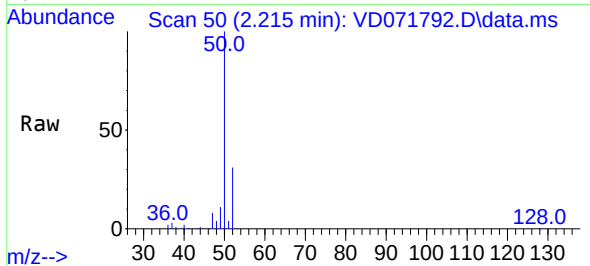
#3
Chloromethane
Concen: 45.263 ug/l
RT: 2.215 min Scan# 50
Delta R.T. 0.000 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07

Instrument :
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ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 28690
Ion Ratio Lower Upper
50 100
52 31.5 27.4 41.0

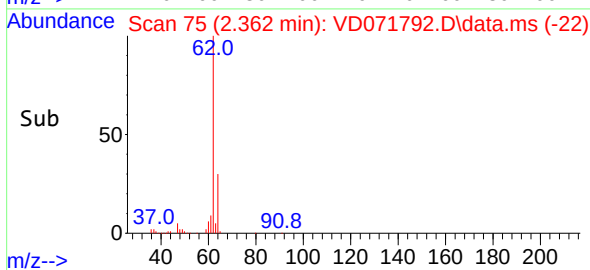
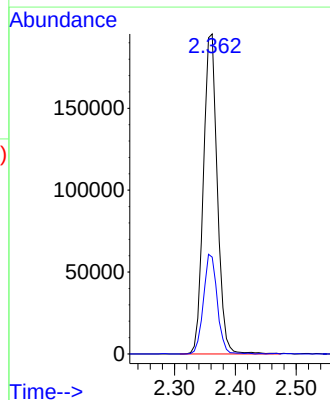
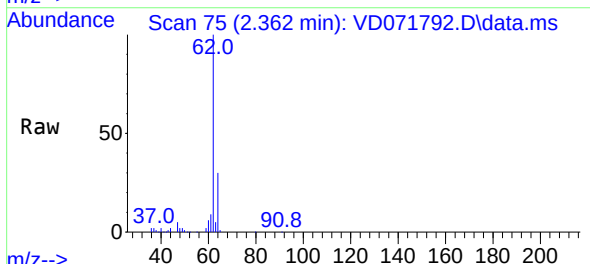
Manual Integrations
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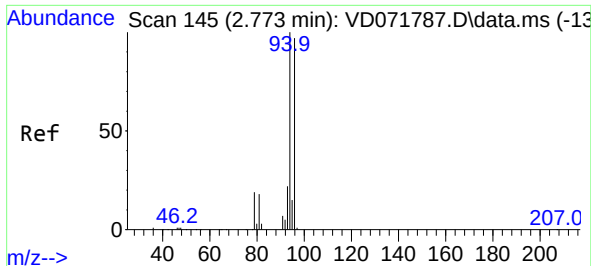
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#4
Vinyl Chloride
Concen: 46.644 ug/l
RT: 2.362 min Scan# 75
Delta R.T. 0.012 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07

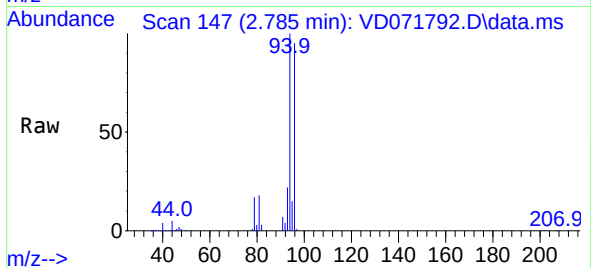
Tgt Ion: 62 Resp: 309532
Ion Ratio Lower Upper
62 100
64 30.2 25.4 38.0





#5
Bromomethane
Concen: 48.929 ug/l
RT: 2.785 min Scan# 145
Delta R.T. 0.012 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07

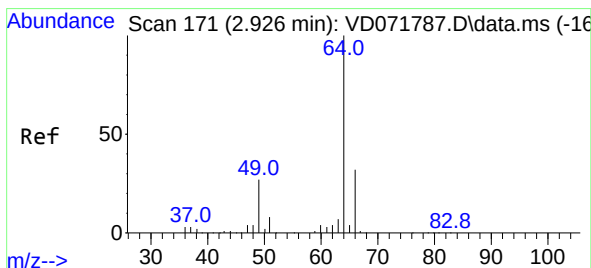
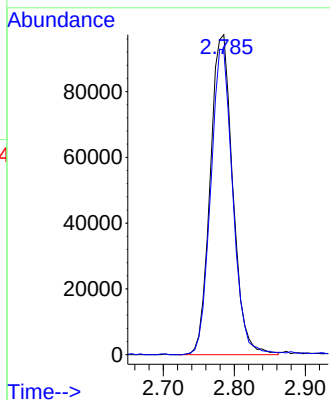
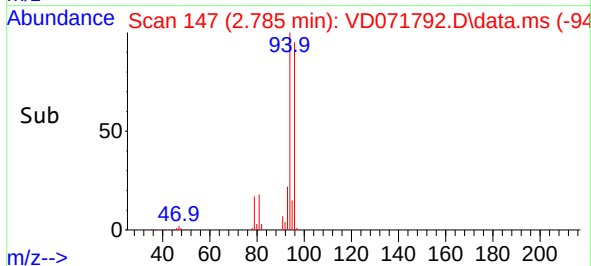
Instrument :
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Tgt Ion: 94 Resp: 214236
Ion Ratio Lower Upper
94 100
96 95.3 77.6 116.4

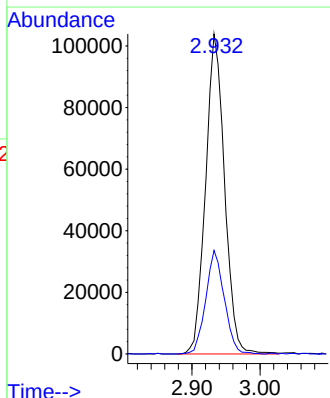
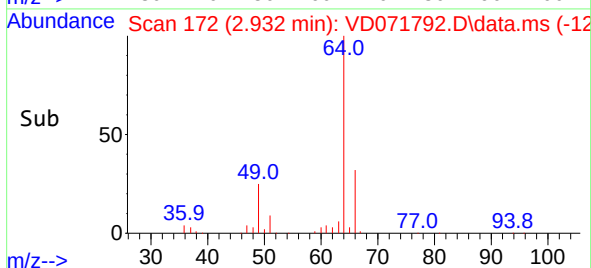
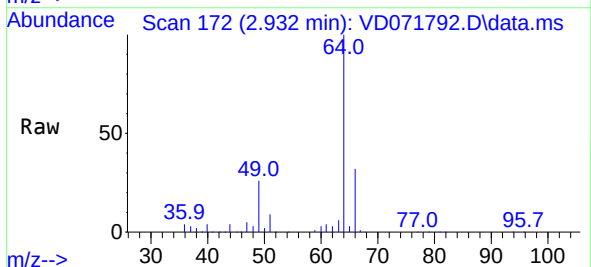
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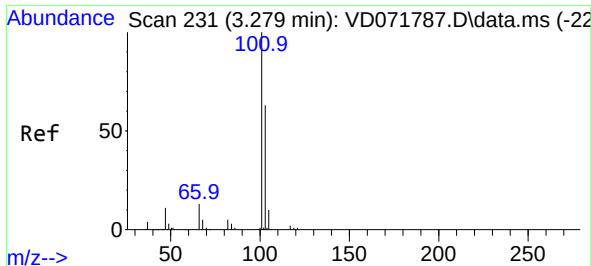
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#6
Chloroethane
Concen: 47.852 ug/l
RT: 2.932 min Scan# 172
Delta R.T. 0.006 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07

Tgt Ion: 64 Resp: 201242
Ion Ratio Lower Upper
64 100
66 32.3 25.9 38.9





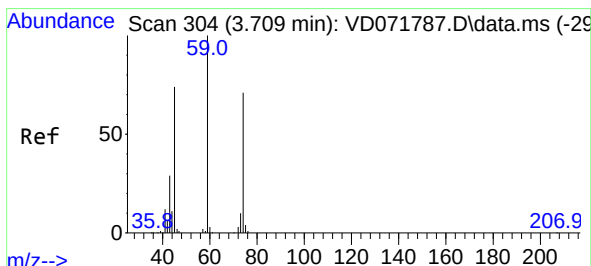
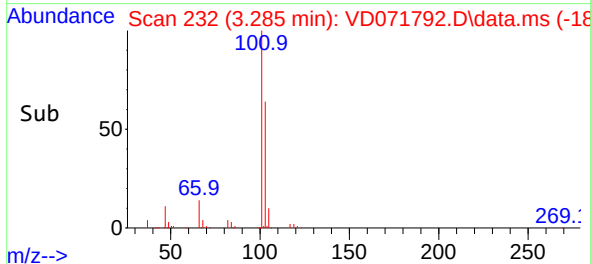
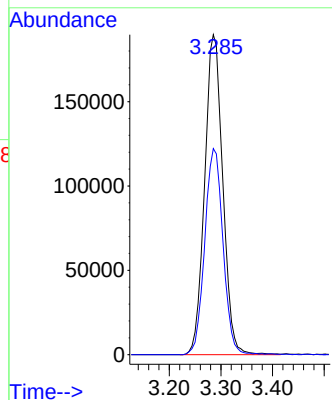
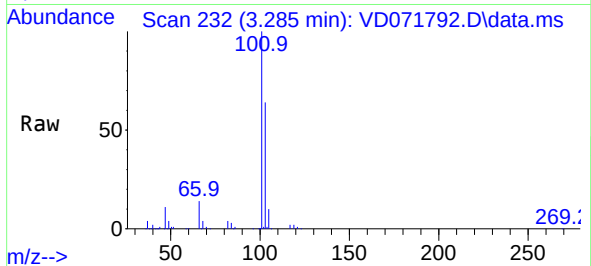
#7
Trichlorofluoromethane
Concen: 48.599 ug/l
RT: 3.285 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 46219
Ion Ratio Lower Upper
101 100
103 64.4 50.1 75.1

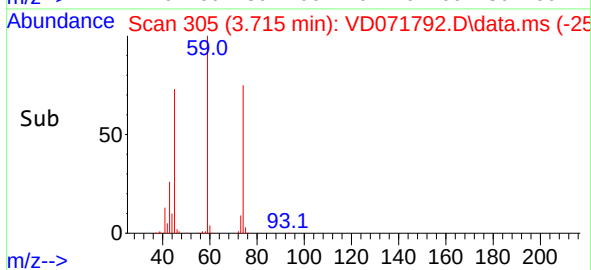
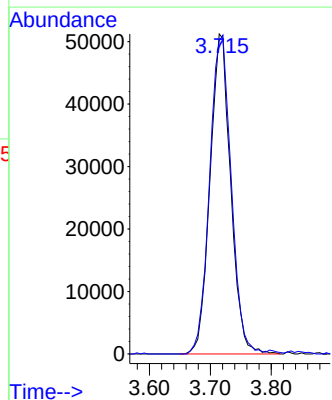
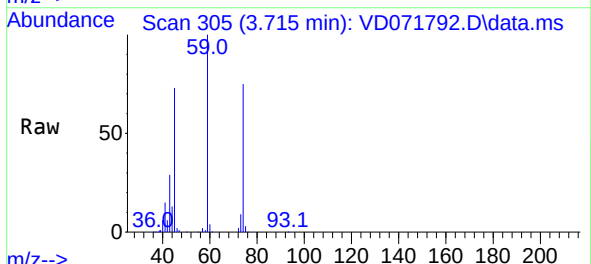
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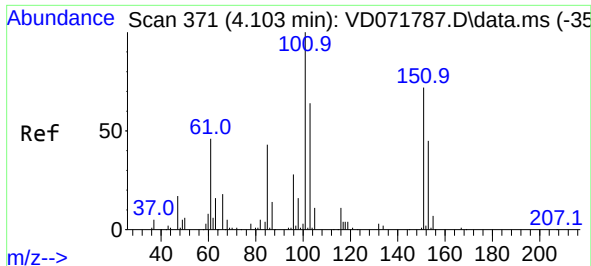
Reviewed By :John Carlone 01/28/2022
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#8
Diethyl Ether
Concen: 47.973 ug/l
RT: 3.715 min Scan# 305
Delta R.T. 0.006 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07

Tgt Ion: 74 Resp: 120382
Ion Ratio Lower Upper
74 100
45 104.4 52.6 157.8





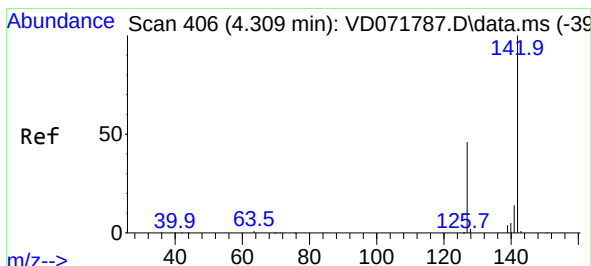
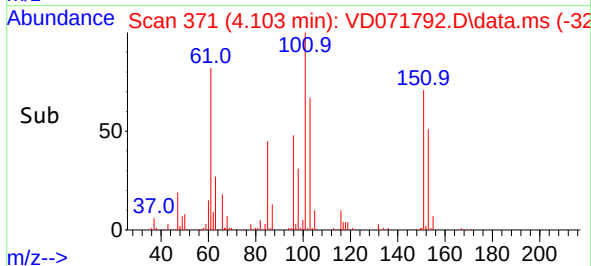
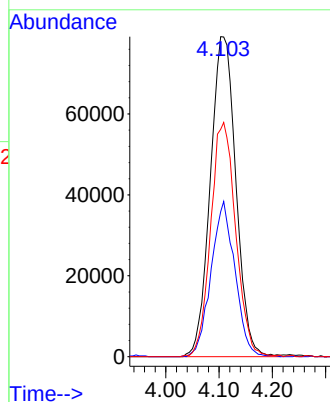
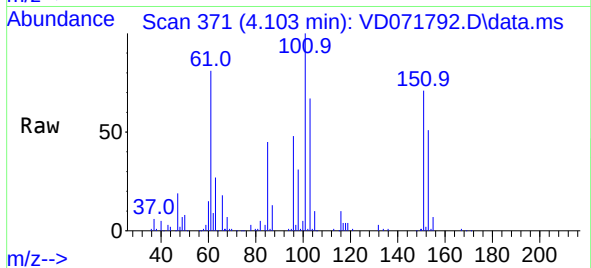
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.261 ug/l
RT: 4.103 min Scan# 371
Delta R.T. 0.000 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07

Instrument :
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ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 26430
Ion Ratio Lower Upper
101 100
85 45.3 36.4 54.6
151 71.7 57.3 85.9

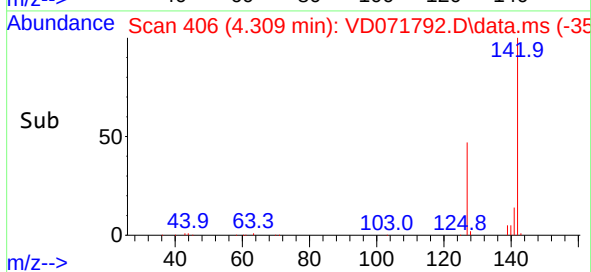
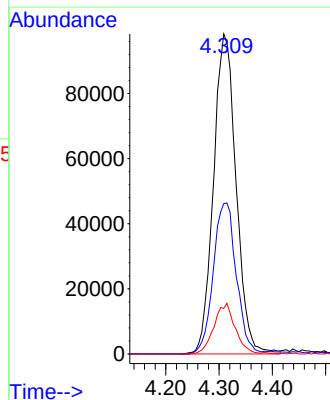
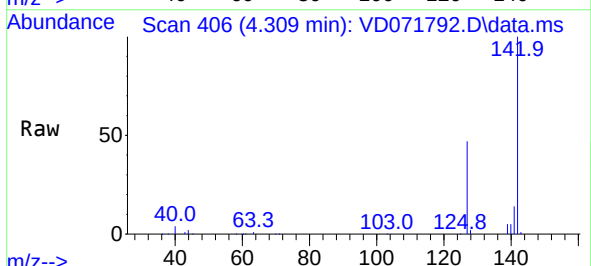
Manual Integrations
APPROVED

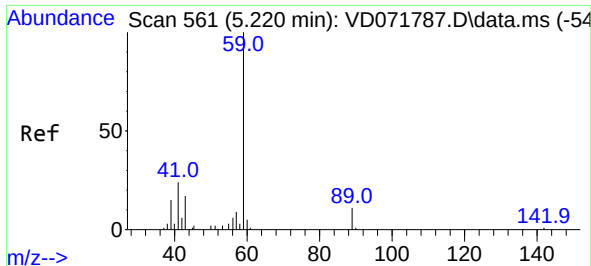
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#10
Methyl Iodide
Concen: 52.711 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.000 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07

Tgt Ion:142 Resp: 289936
Ion Ratio Lower Upper
142 100
127 47.9 37.3 55.9
141 14.9 11.7 17.5





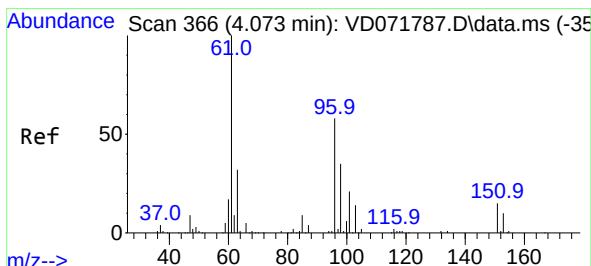
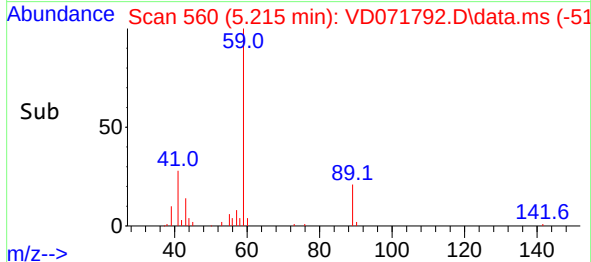
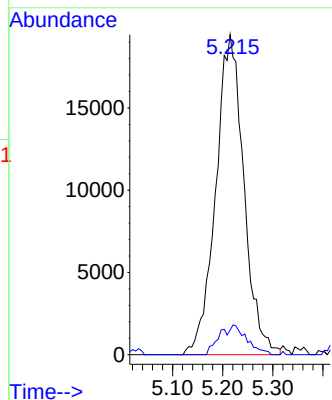
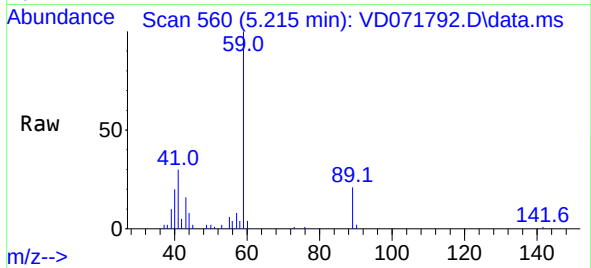
#11
Tert butyl alcohol
Concen: 220.503 ug/l
RT: 5.215 min Scan# 560
Delta R.T. -0.006 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 75775
Ion Ratio Lower Upper
59 100
57 5.7 7.8 11.6

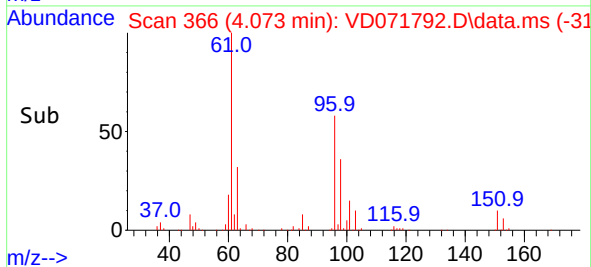
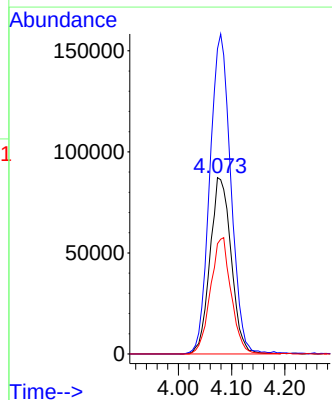
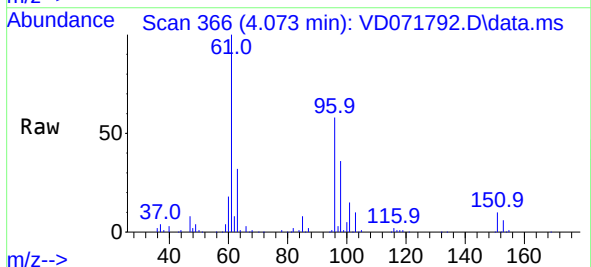
Manual Integrations
APPROVED

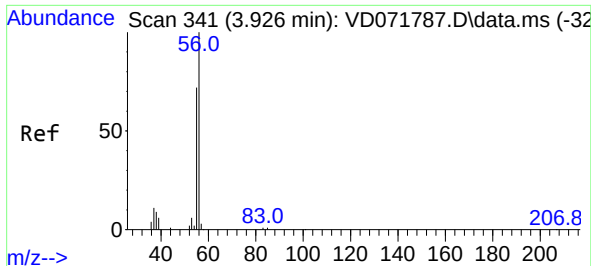
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#12
1,1-Dichloroethene
Concen: 49.136 ug/l
RT: 4.073 min Scan# 366
Delta R.T. 0.000 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07

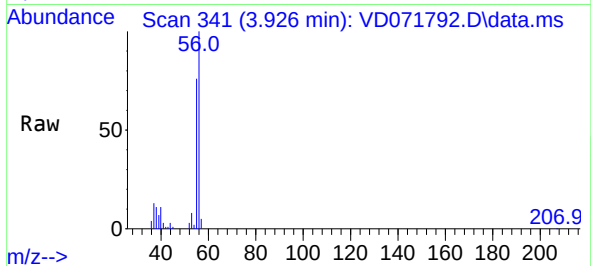
Tgt Ion: 96 Resp: 241009
Ion Ratio Lower Upper
96 100
61 173.0 138.5 207.7
98 62.5 48.6 73.0





#13
Acrolein
Concen: 212.439 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07

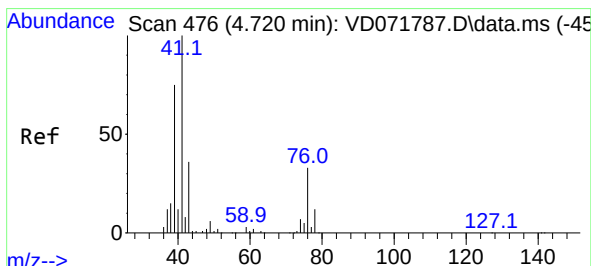
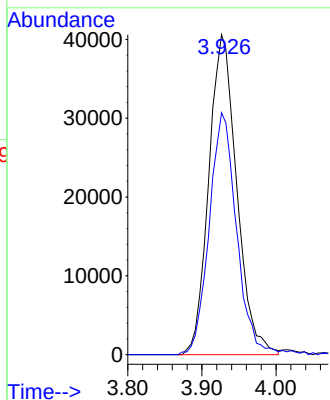
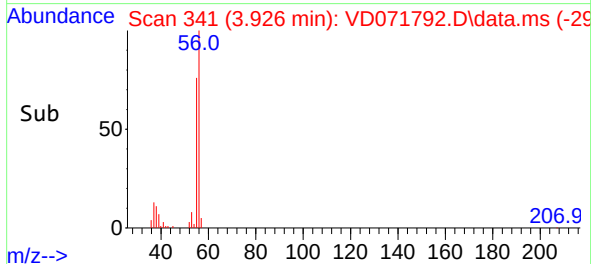
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



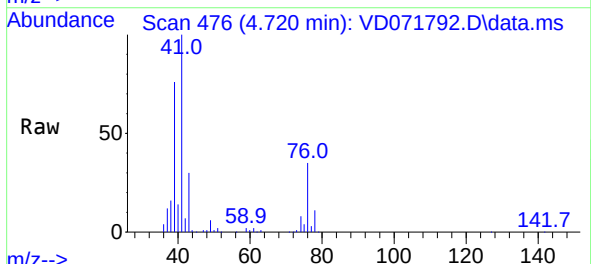
Tgt Ion: 56 Resp: 106477
Ion Ratio Lower Upper
56 100
55 74.3 57.1 85.7

Manual Integrations
APPROVED

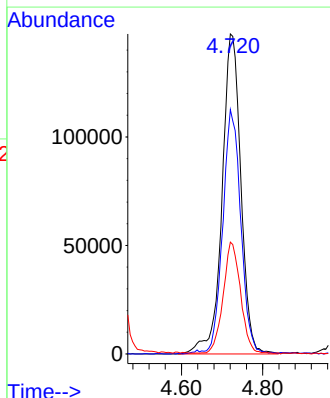
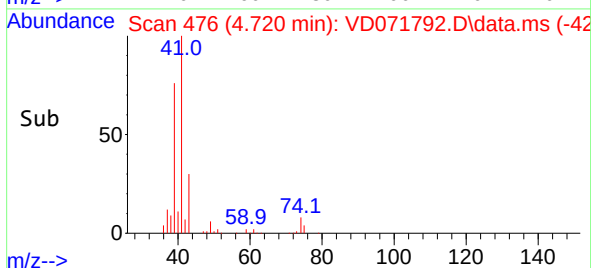
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

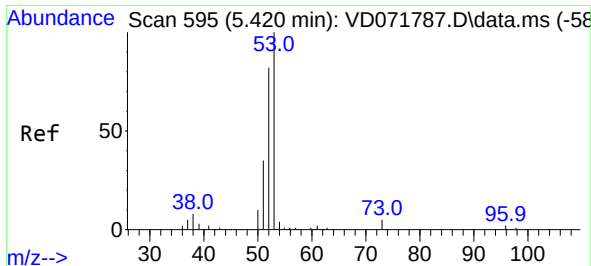


#14
Allyl chloride
Concen: 50.831 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.000 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07



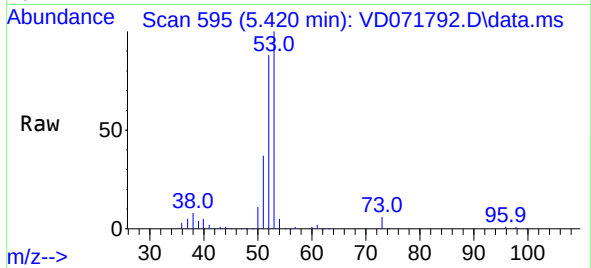
Tgt Ion: 41 Resp: 475249
Ion Ratio Lower Upper
41 100
39 72.4 59.3 88.9
76 32.8 25.7 38.5





#15
Acrylonitrile
Concen: 230.158 ug/l
RT: 5.420 min Scan# 595
Delta R.T. 0.000 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07

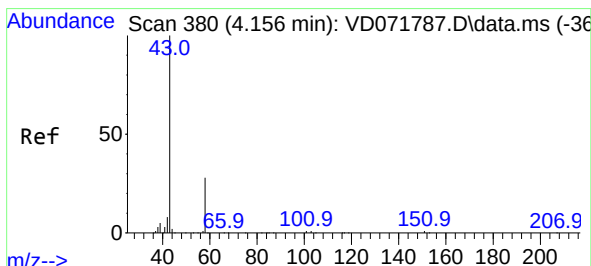
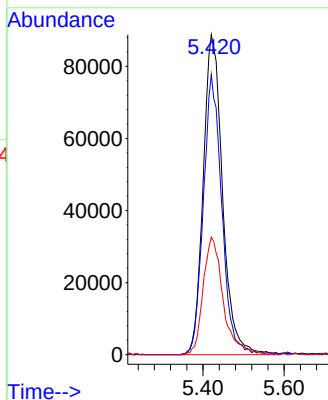
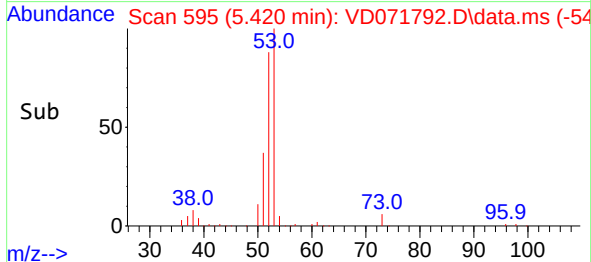
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



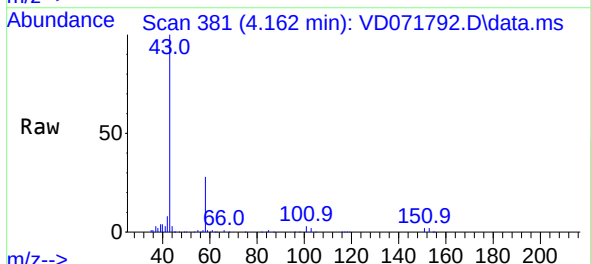
Tgt Ion: 53 Resp: 29353
Ion Ratio Lower Upper
53 100
52 83.5 67.2 100.8
51 38.0 30.3 45.5

Manual Integrations
APPROVED

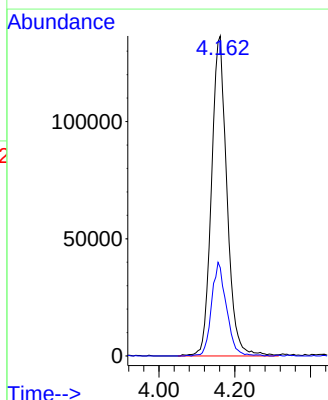
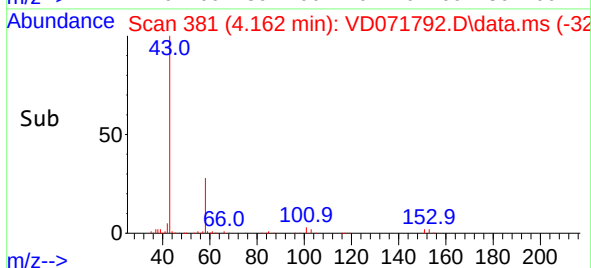
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

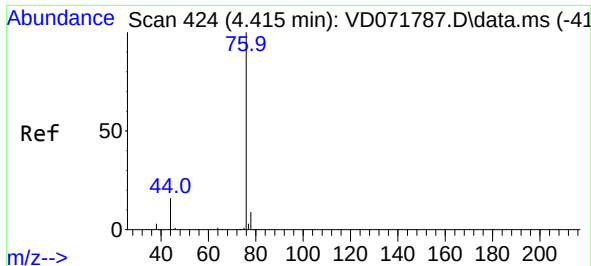


#16
Acetone
Concen: 250.380 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07



Tgt Ion: 43 Resp: 386768
Ion Ratio Lower Upper
43 100
58 27.5 22.1 33.1





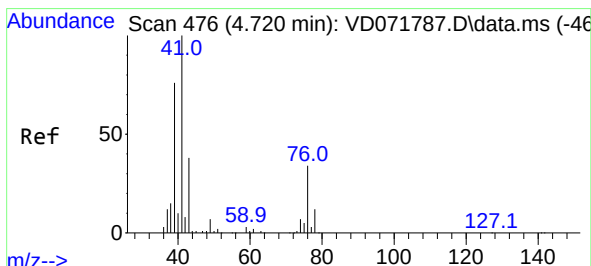
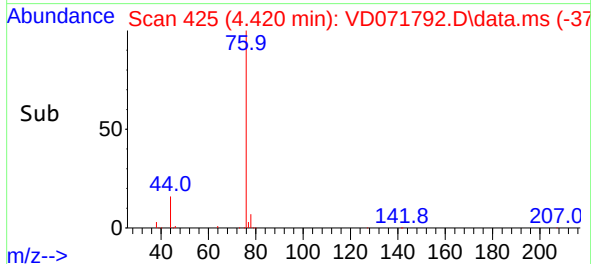
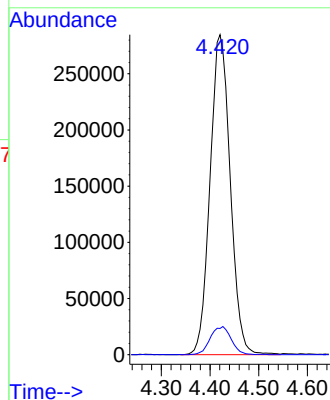
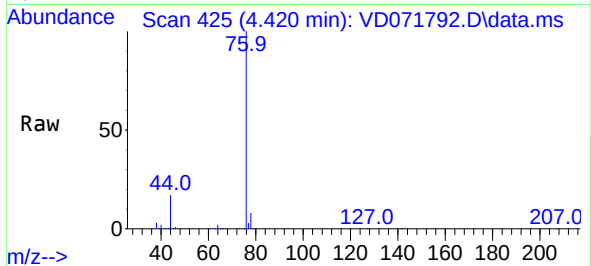
#17
Carbon Disulfide
Concen: 47.907 ug/l
RT: 4.420 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 819340
Ion Ratio Lower Upper
76 100
78 8.2 7.5 11.3

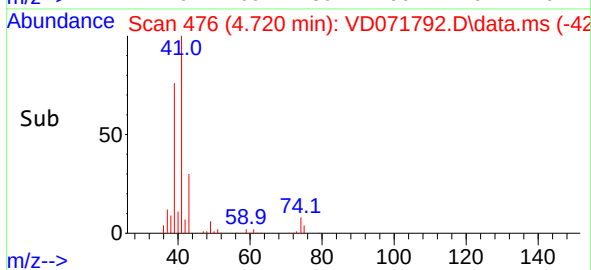
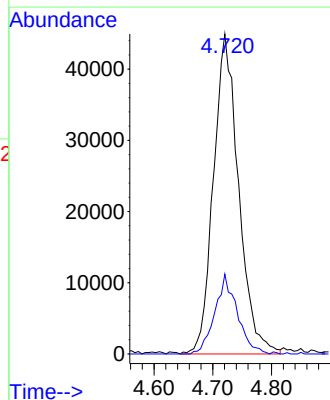
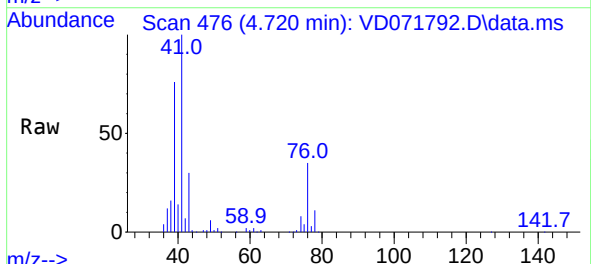
Manual Integrations
APPROVED

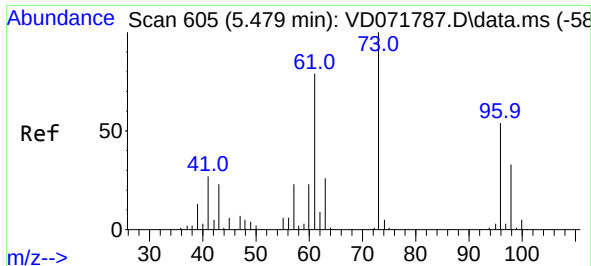
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#18
Methyl Acetate
Concen: 39.976 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.000 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07

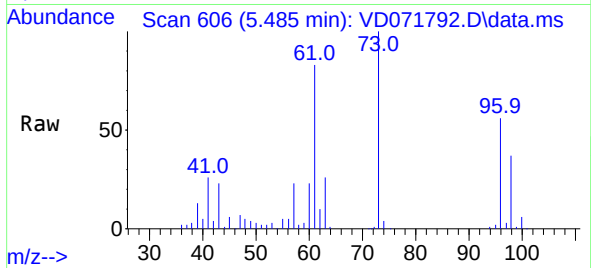
Tgt Ion: 43 Resp: 133511
Ion Ratio Lower Upper
43 100
74 22.1 16.7 25.1





#19
Methyl tert-butyl Ether
Concen: 48.079 ug/l
RT: 5.485 min Scan# 605
Delta R.T. 0.006 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07

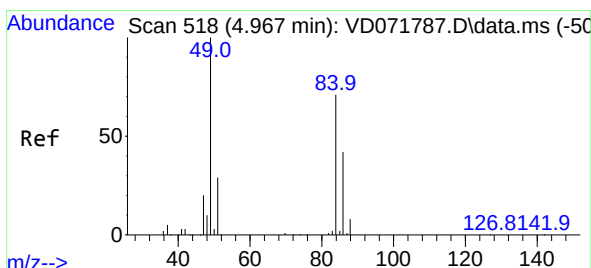
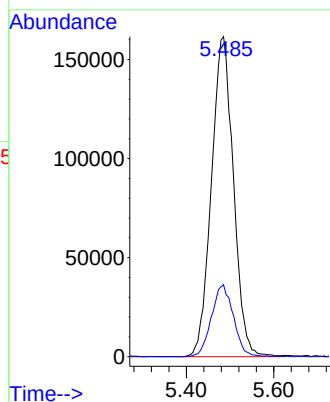
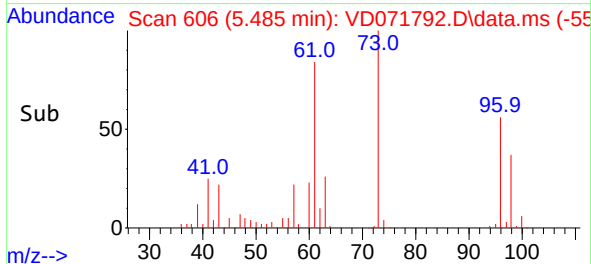
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



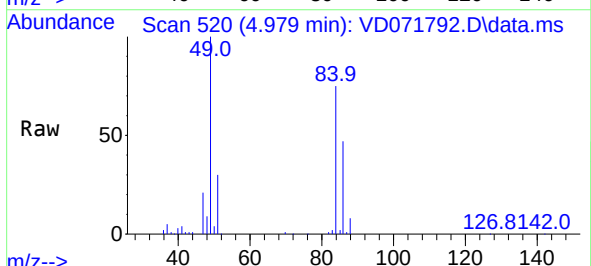
Tgt Ion: 73 Resp: 56416
Ion Ratio Lower Upper
73 100
57 22.5 18.0 27.0

Manual Integrations
APPROVED

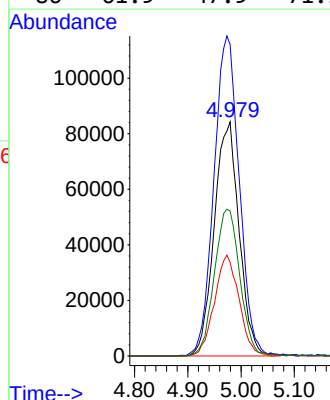
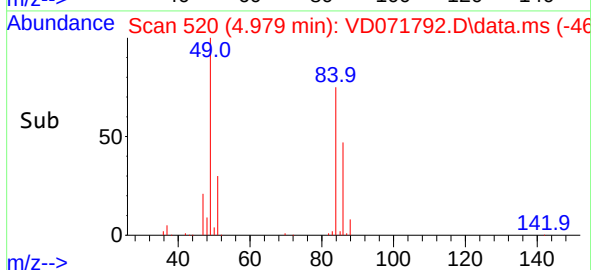
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

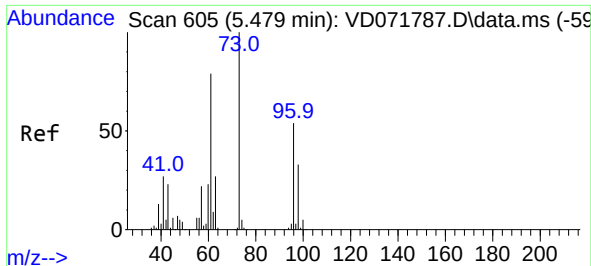


#20
Methylene Chloride
Concen: 48.448 ug/l
RT: 4.979 min Scan# 520
Delta R.T. 0.012 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07



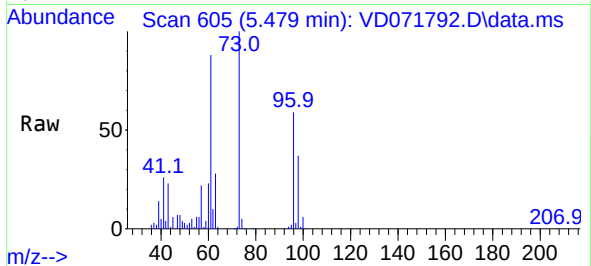
Tgt Ion: 84 Resp: 273819
Ion Ratio Lower Upper
84 100
49 132.8 112.8 169.2
51 40.0 32.6 48.8
86 61.9 47.9 71.9





#21
trans-1,2-Dichloroethene
Concen: 49.763 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.000 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07

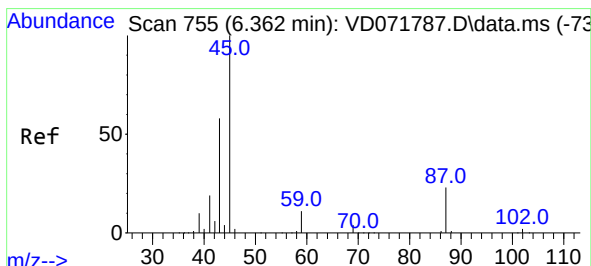
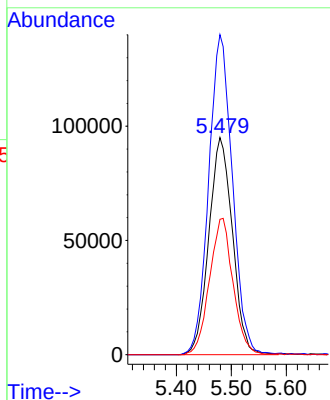
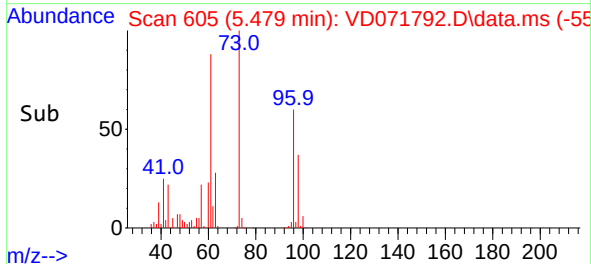
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



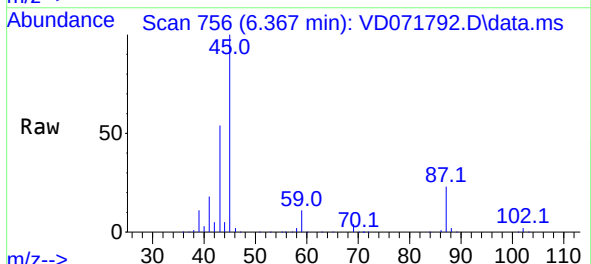
Tgt Ion: 96 Resp: 284152
Ion Ratio Lower Upper
96 100
61 147.4 117.9 176.9
98 62.4 49.4 74.2

Manual Integrations
APPROVED

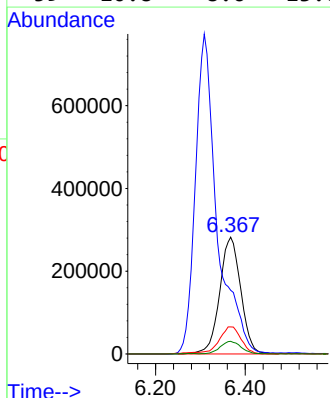
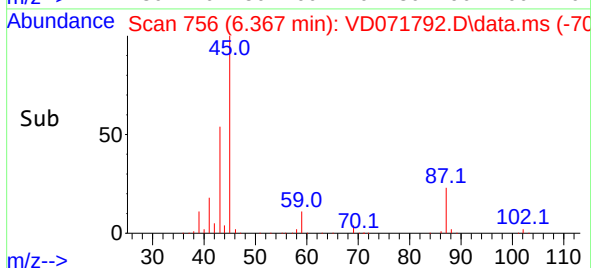
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

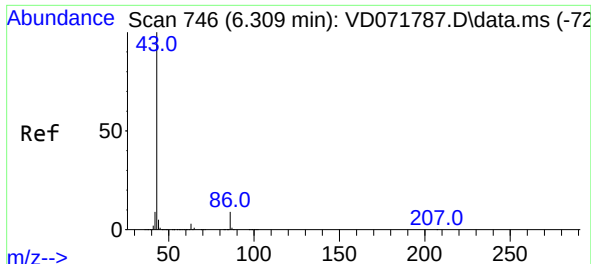


#22
Diisopropyl ether
Concen: 50.385 ug/l
RT: 6.367 min Scan# 756
Delta R.T. 0.006 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07



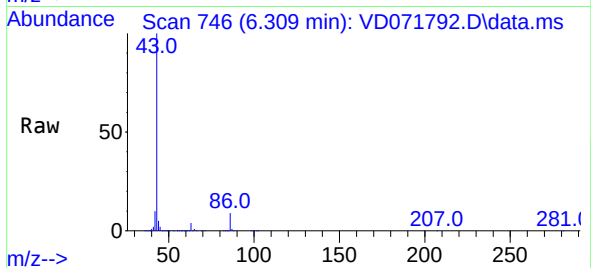
Tgt Ion: 45 Resp: 923287
Ion Ratio Lower Upper
45 100
43 53.7 46.6 70.0
87 23.0 18.4 27.6
59 10.8 8.6 13.0





#23
 Vinyl Acetate
 Concen: 257.038 ug/l
 RT: 6.309 min Scan# 746
 Delta R.T. 0.000 min
 Lab File: VD071792.D
 Acq: 27 Jan 2022 10:07

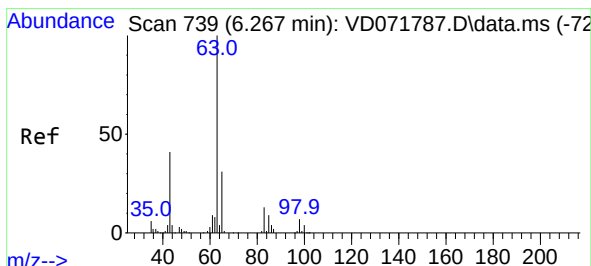
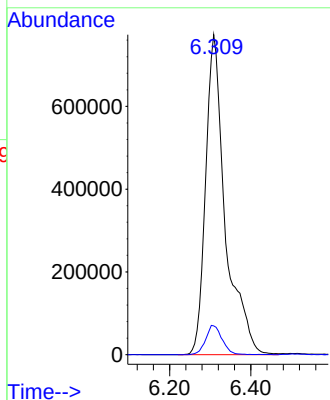
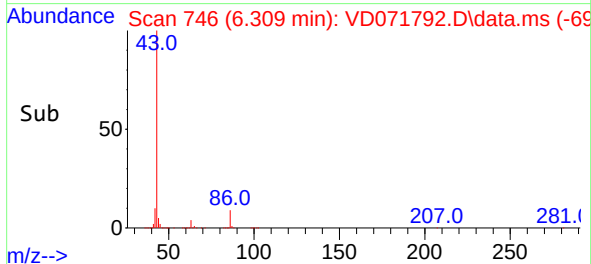
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



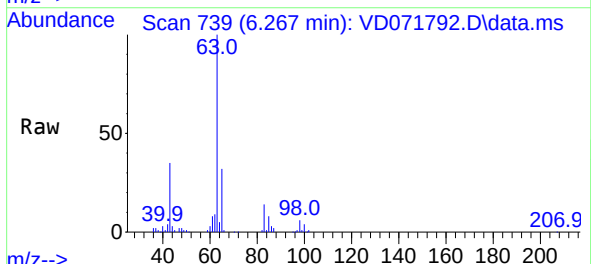
Tgt Ion: 43 Resp: 2598399
 Ion Ratio Lower Upper
 43 100
 86 9.0 7.1 10.7

Manual Integrations
 APPROVED

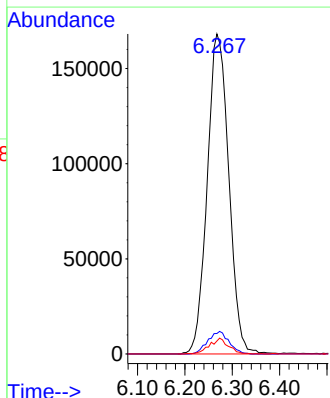
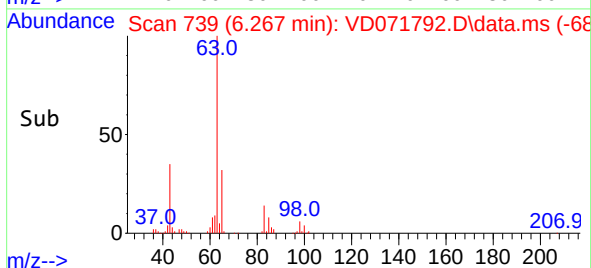
Reviewed By :John Carlone 01/28/2022
 Supervised By :Mahesh Dadoda 01/28/2022

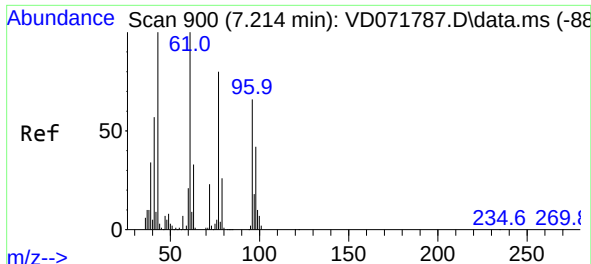


#24
 1,1-Dichloroethane
 Concen: 49.843 ug/l
 RT: 6.267 min Scan# 739
 Delta R.T. 0.000 min
 Lab File: VD071792.D
 Acq: 27 Jan 2022 10:07



Tgt Ion: 63 Resp: 532365
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.6 10.9
 100 4.0 2.1 6.5





#25

2-Butanone

Concen: 239.133 ug/l

RT: 7.214 min Scan# 900

Delta R.T. 0.000 min

Lab File: VD071792.D

Acq: 27 Jan 2022 10:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 43063

Ion Ratio Lower Upper

43 100

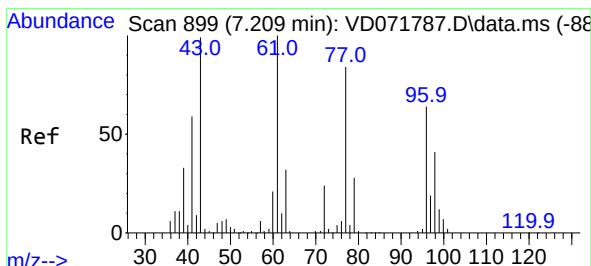
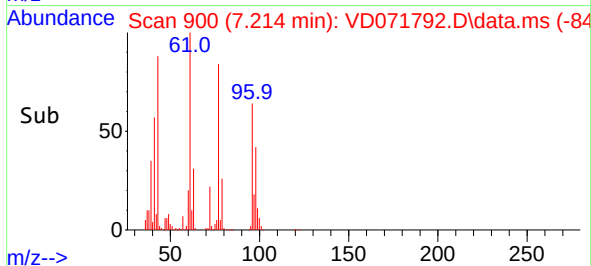
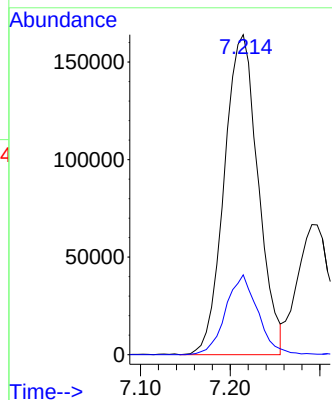
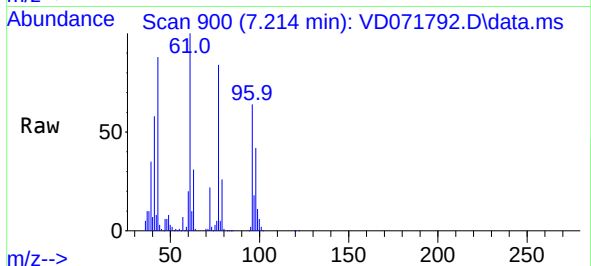
72 25.0 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/28/2022

Supervised By :Mahesh Dadoda 01/28/2022



#26

2,2-Dichloropropane

Concen: 50.999 ug/l

RT: 7.214 min Scan# 900

Delta R.T. 0.006 min

Lab File: VD071792.D

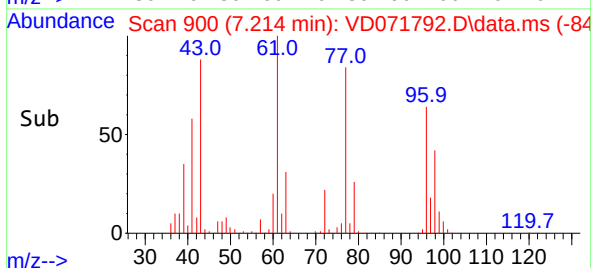
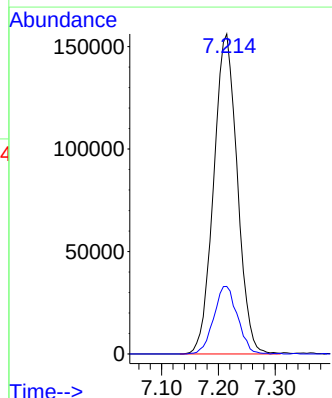
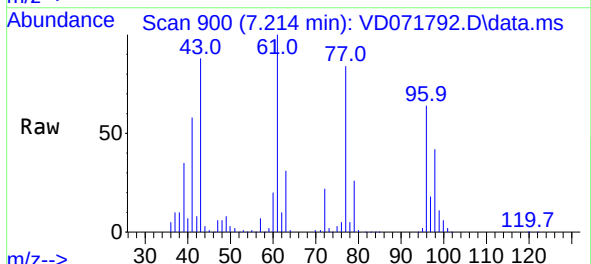
Acq: 27 Jan 2022 10:07

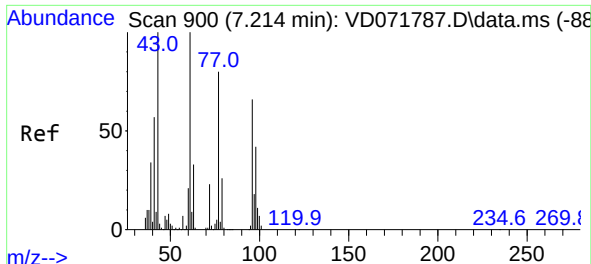
Tgt Ion: 77 Resp: 450762

Ion Ratio Lower Upper

77 100

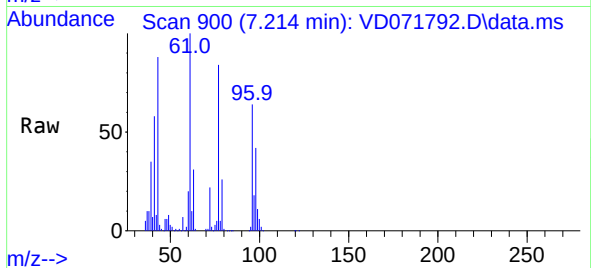
97 21.3 10.8 32.4





#27
cis-1,2-Dichloroethene
Concen: 50.453 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07

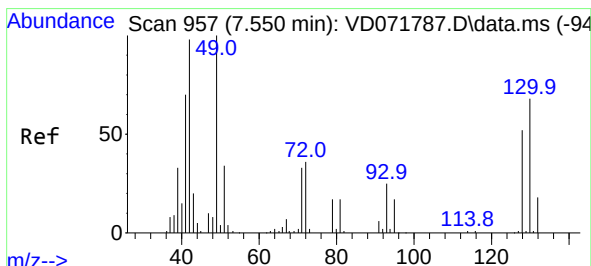
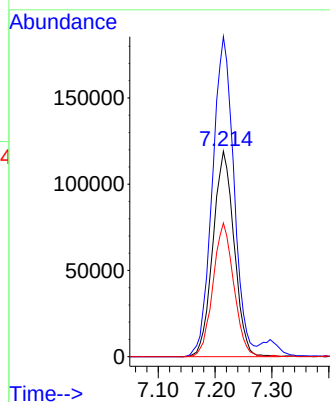
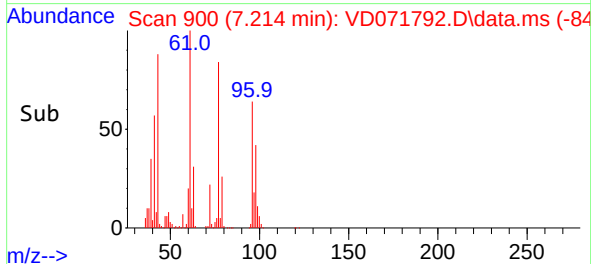
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 309428
Ion Ratio Lower Upper
96 100
61 158.2 0.0 313.8
98 63.6 0.0 128.8

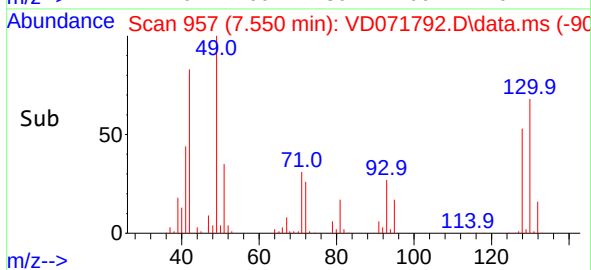
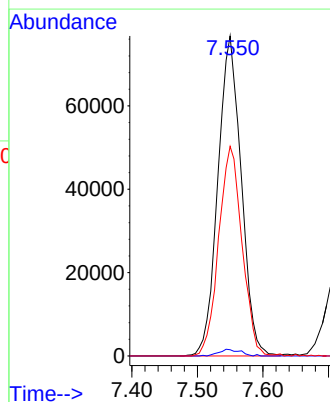
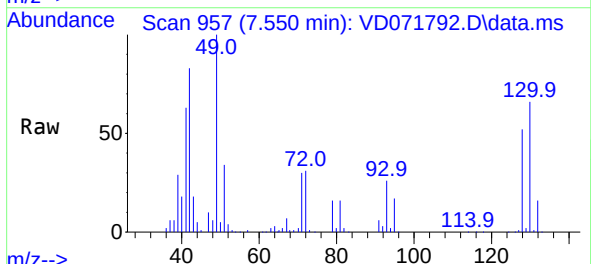
Manual Integrations
APPROVED

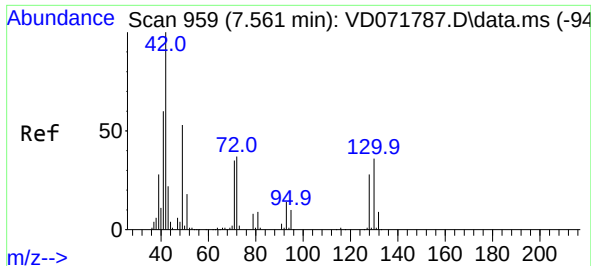
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#28
Bromochloromethane
Concen: 47.073 ug/l
RT: 7.550 min Scan# 957
Delta R.T. 0.000 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07

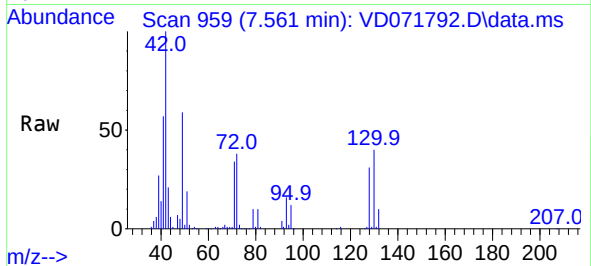
Tgt Ion: 49 Resp: 189637
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.0
130 65.4 52.6 79.0





#29
Tetrahydrofuran
Concen: 228.615 ug/l
RT: 7.561 min Scan# 959
Delta R.T. 0.000 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07

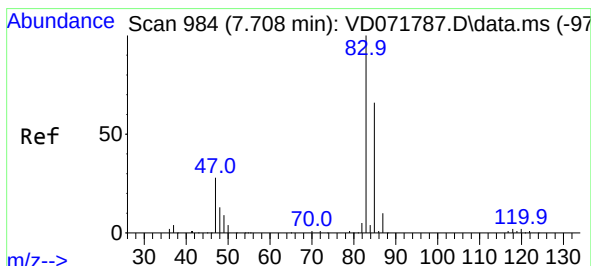
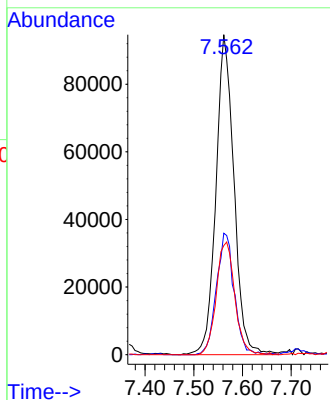
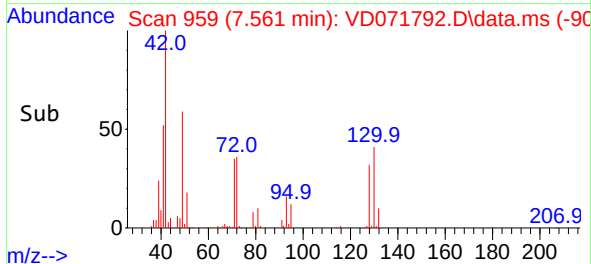
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



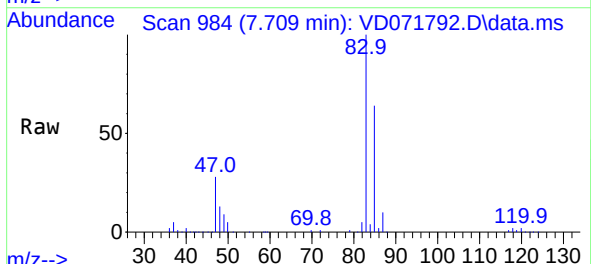
Tgt Ion: 42 Resp: 243592
Ion Ratio Lower Upper
42 100
72 37.4 30.7 46.1
71 36.2 28.6 43.0

Manual Integrations
APPROVED

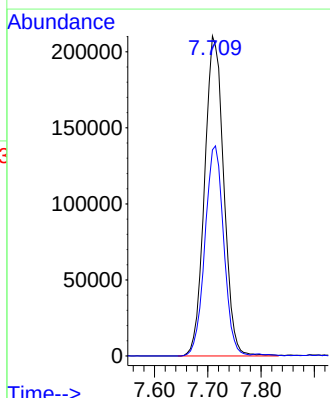
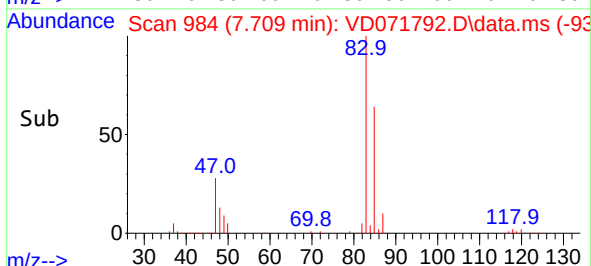
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

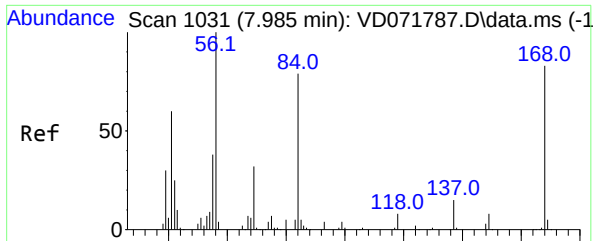


#30
Chloroform
Concen: 48.144 ug/l
RT: 7.709 min Scan# 984
Delta R.T. 0.000 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07



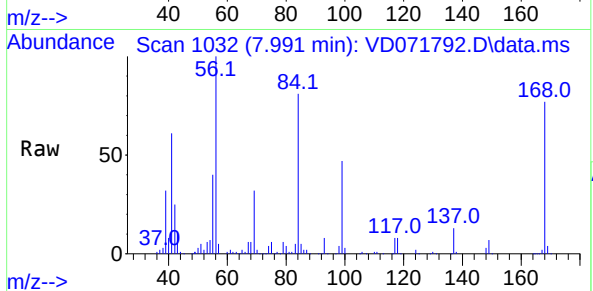
Tgt Ion: 83 Resp: 525348
Ion Ratio Lower Upper
83 100
85 64.4 52.7 79.1





#31
Cyclohexane
Concen: 47.662 ug/l
RT: 7.991 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07

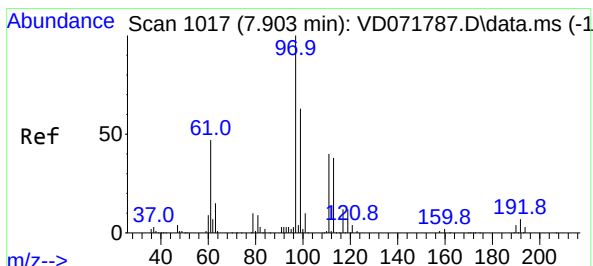
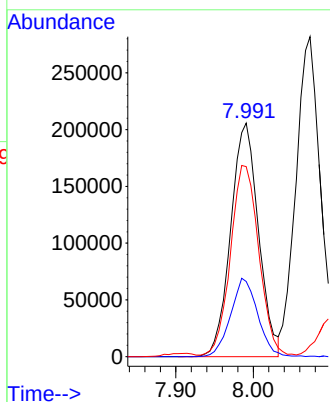
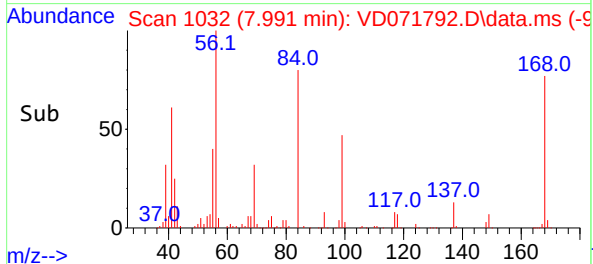
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



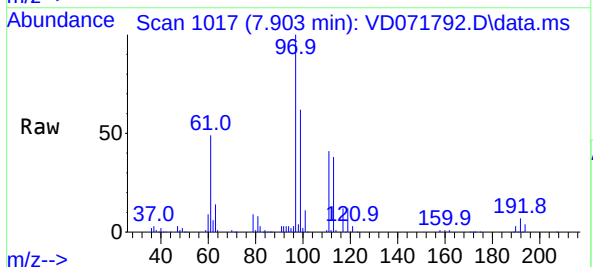
Tgt Ion: 56 Resp: 513470
Ion Ratio Lower Upper
56 100
69 32.2 25.4 38.2
84 80.1 63.0 94.4

Manual Integrations
APPROVED

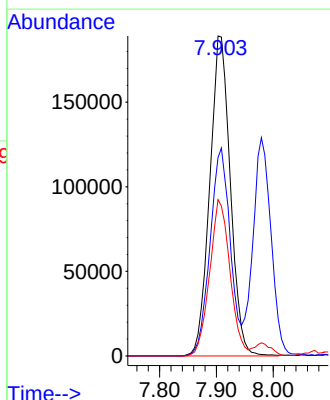
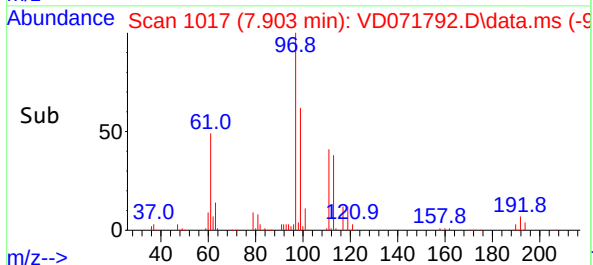
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

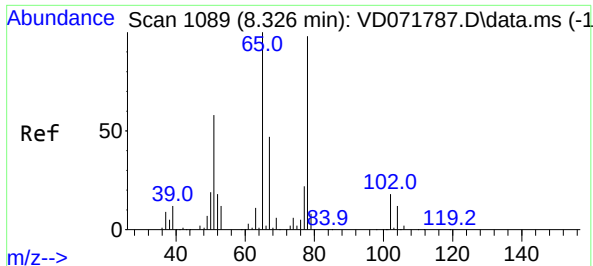


#32
1,1,1-Trichloroethane
Concen: 49.356 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. 0.000 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07



Tgt Ion: 97 Resp: 475036
Ion Ratio Lower Upper
97 100
99 64.0 52.4 78.6
61 48.3 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 50.305 ug/l

RT: 8.332 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD071792.D

Acq: 27 Jan 2022 10:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 28387

Ion Ratio Lower Upper

65 100

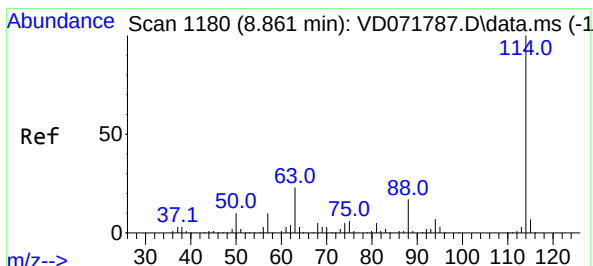
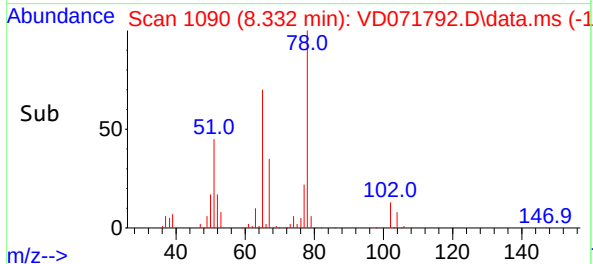
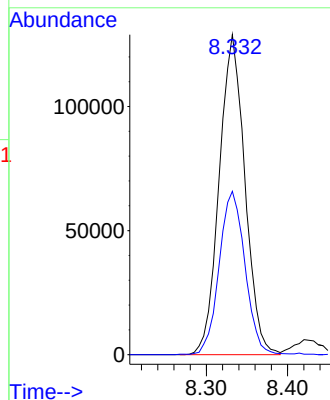
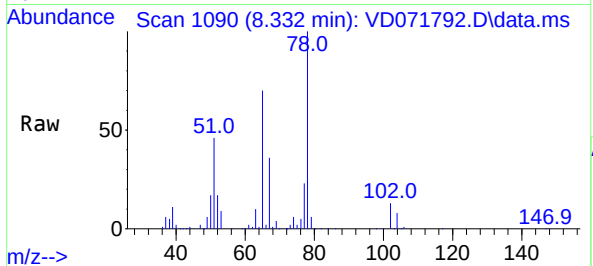
67 51.3 0.0 101.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/28/2022

Supervised By :Mahesh Dadoda 01/28/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.867 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VD071792.D

Acq: 27 Jan 2022 10:07

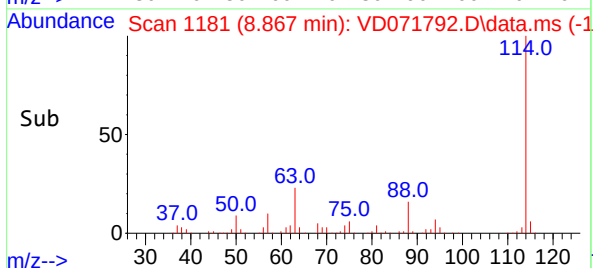
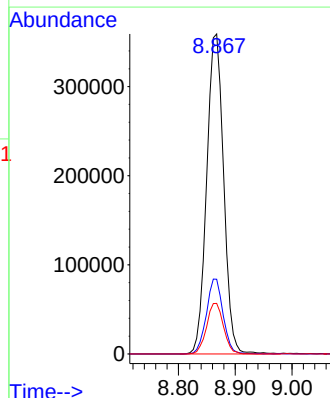
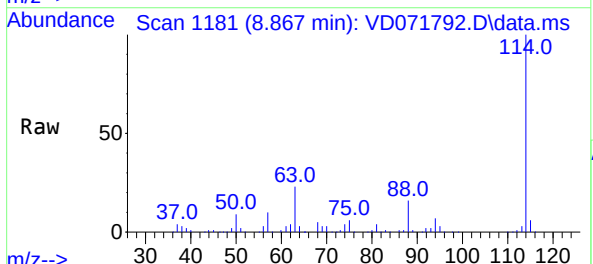
Tgt Ion:114 Resp: 742608

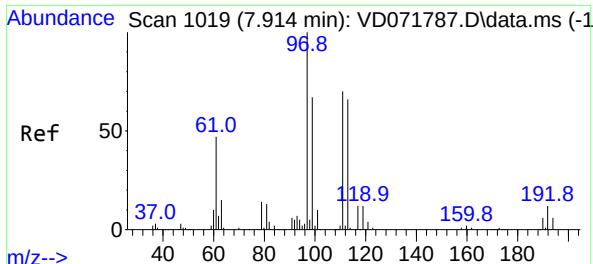
Ion Ratio Lower Upper

114 100

63 23.3 0.0 46.6

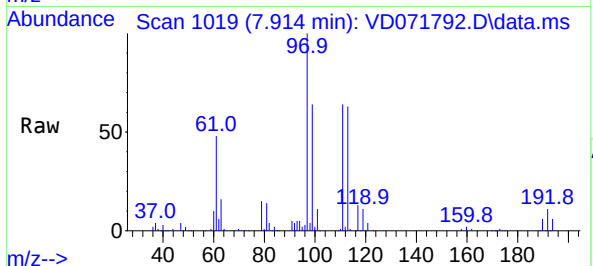
88 15.8 0.0 33.2





#35
Dibromofluoromethane
Concen: 50.657 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07

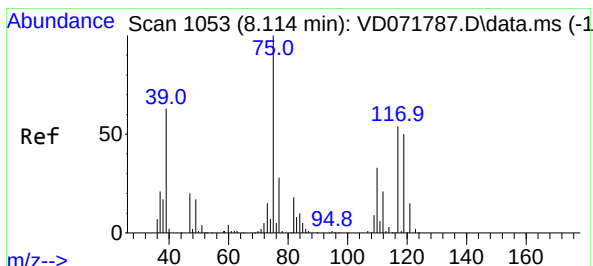
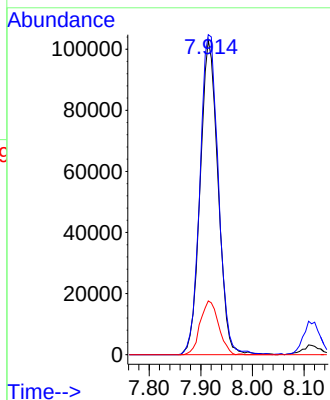
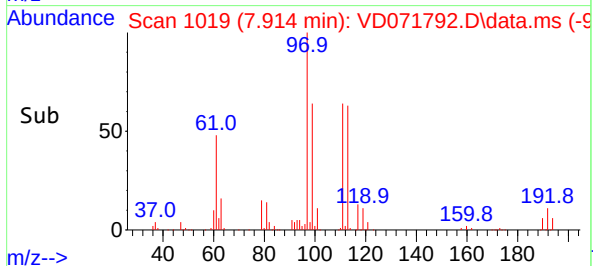
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



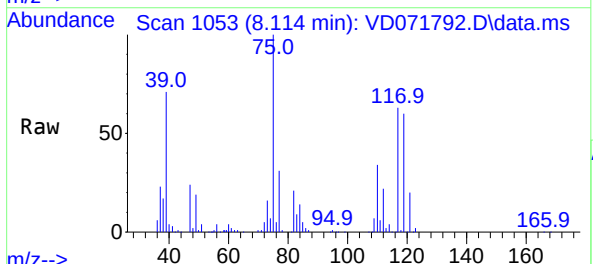
Tgt Ion:113 Resp: 247275
Ion Ratio Lower Upper
113 100
111 105.0 83.8 125.6
192 17.6 14.6 21.8

Manual Integrations
APPROVED

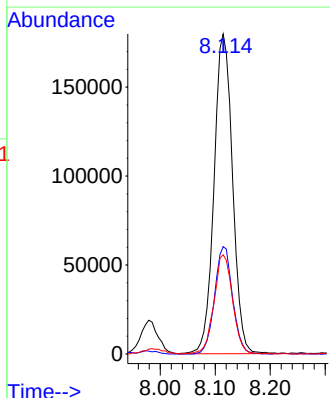
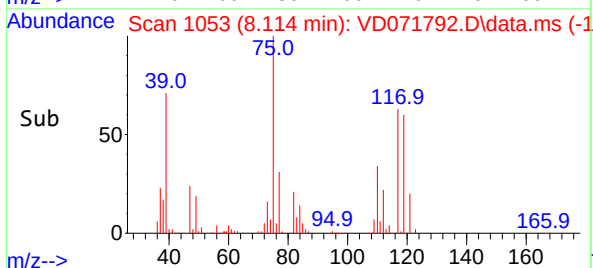
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

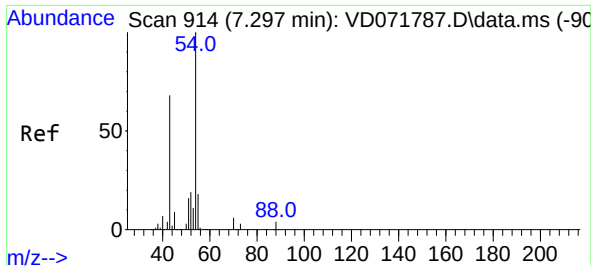


#36
1,1-Dichloropropene
Concen: 50.200 ug/l
RT: 8.114 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07



Tgt Ion: 75 Resp: 420582
Ion Ratio Lower Upper
75 100
110 32.6 16.4 49.1
77 31.2 24.2 36.2





#37

Ethyl Acetate

Concen: 46.079 ug/l

RT: 7.291 min Scan# 914

Delta R.T. -0.006 min

Lab File: VD071792.D

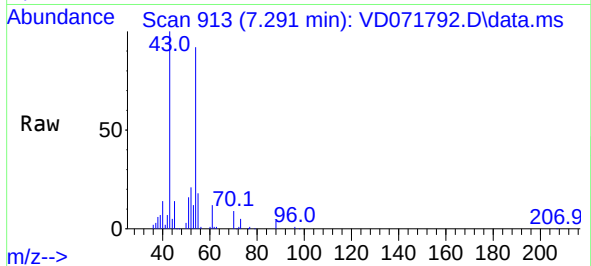
Acq: 27 Jan 2022 10:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050



Tgt Ion: 43 Resp: 179489

Ion Ratio Lower Upper

43 100

61 11.7 9.8 14.8

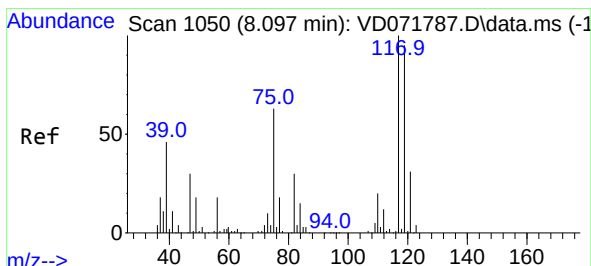
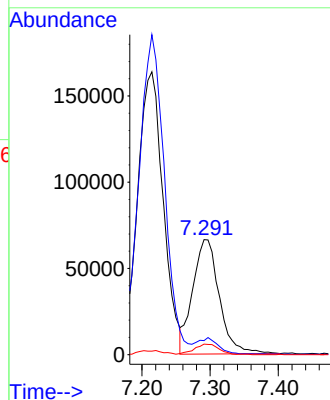
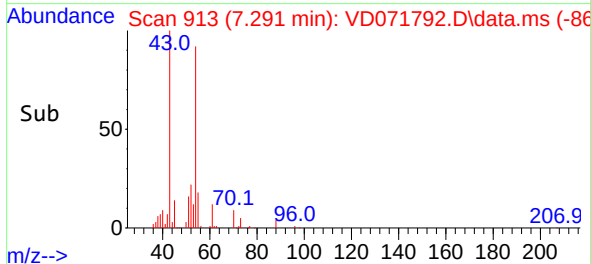
70 8.8 6.9 10.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/28/2022

Supervised By :Mahesh Dadoda 01/28/2022



#38

Carbon Tetrachloride

Concen: 50.645 ug/l

RT: 8.103 min Scan# 1051

Delta R.T. 0.006 min

Lab File: VD071792.D

Acq: 27 Jan 2022 10:07

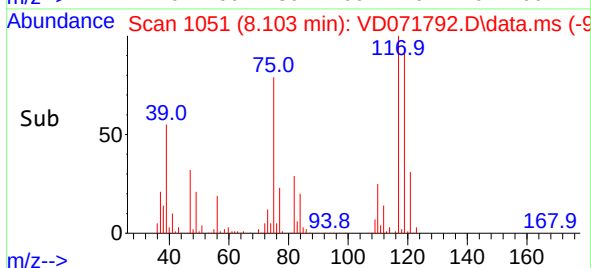
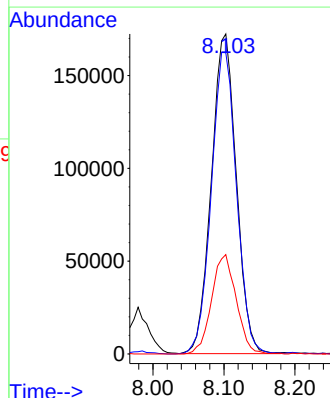
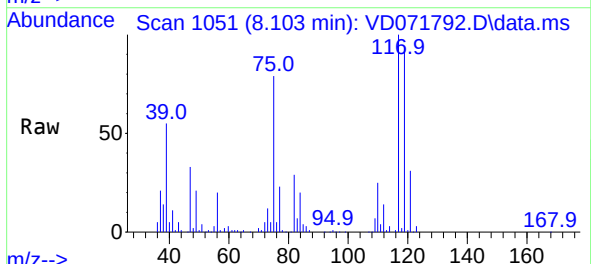
Tgt Ion:117 Resp: 419617

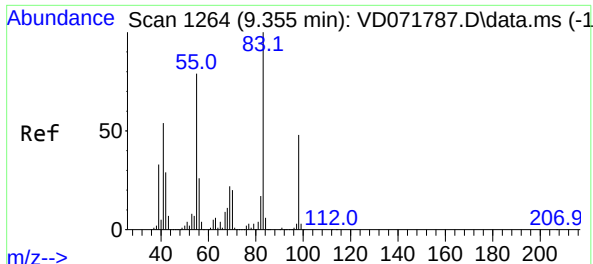
Ion Ratio Lower Upper

117 100

119 94.2 75.8 113.6

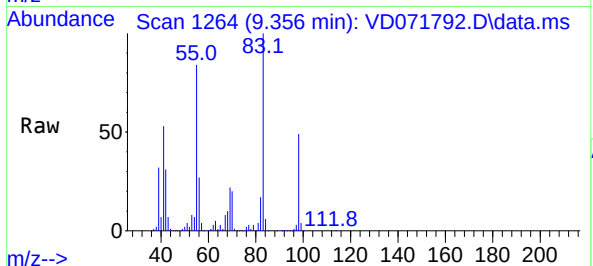
121 31.1 24.5 36.7





#39
Methylcyclohexane
Concen: 51.660 ug/l
RT: 9.356 min Scan# 1094
Delta R.T. 0.000 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07

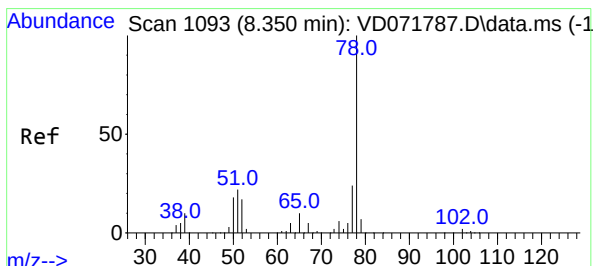
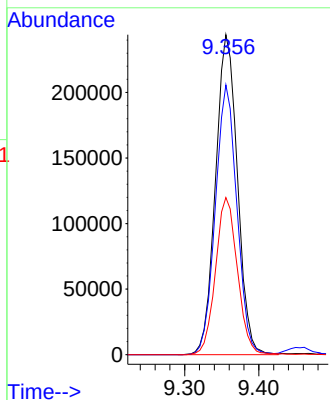
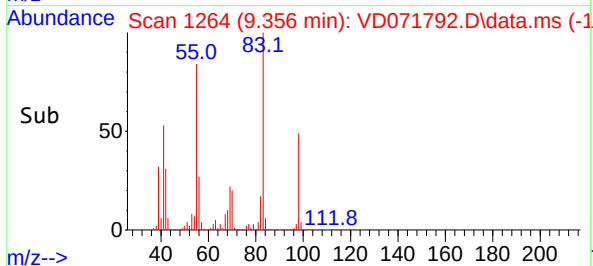
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 50150
Ion Ratio Lower Upper
83 100
55 84.3 63.2 94.8
98 49.1 38.2 57.4

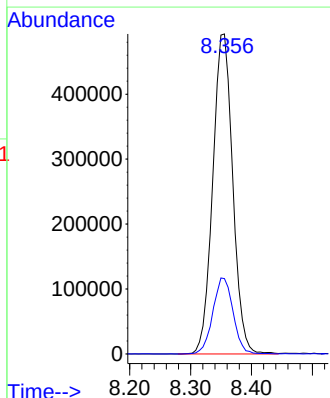
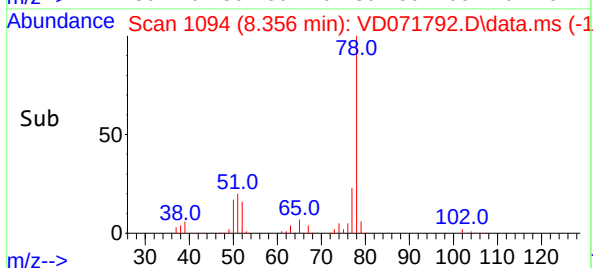
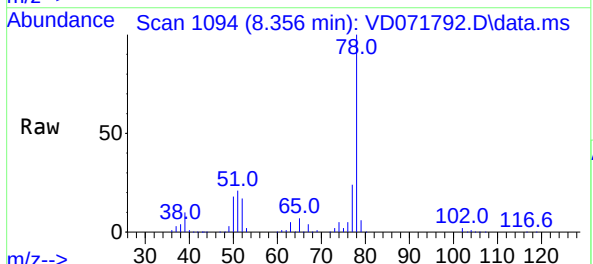
Manual Integrations
APPROVED

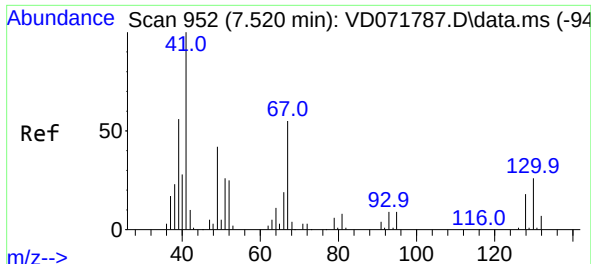
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#40
Benzene
Concen: 49.708 ug/l
RT: 8.356 min Scan# 1094
Delta R.T. 0.006 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07

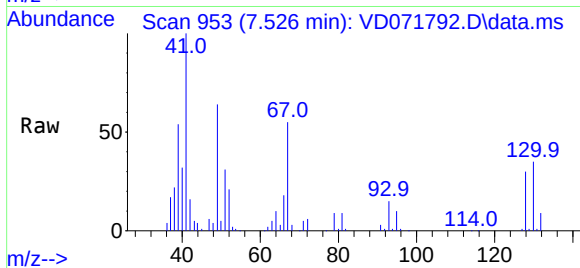
Tgt Ion: 78 Resp: 1124178
Ion Ratio Lower Upper
78 100
77 23.5 19.1 28.7





#41
Methacrylonitrile
Concen: 41.543 ug/l
RT: 7.526 min Scan# 9154
Delta R.T. 0.006 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07

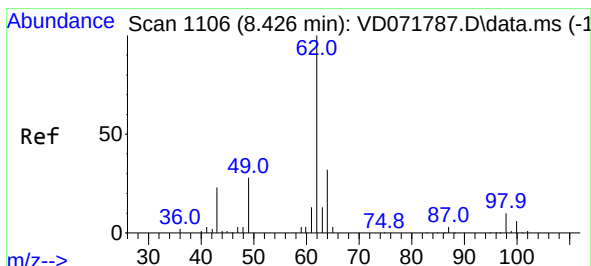
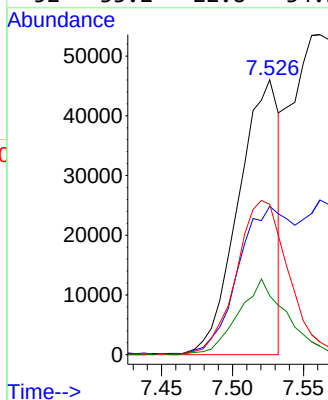
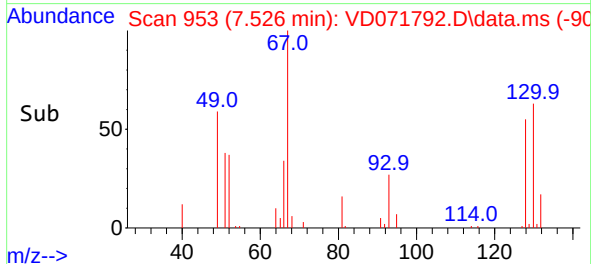
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 9154
Ion Ratio Lower Upper
41 100
39 72.5 44.6 67.0
67 72.9 48.2 72.4
52 33.2 22.8 34.2

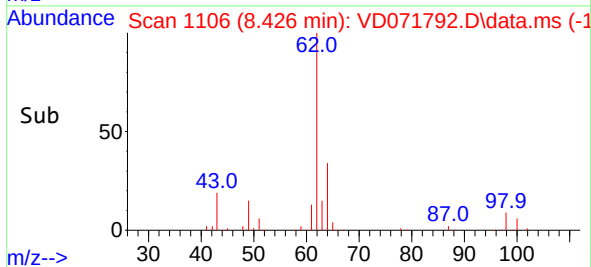
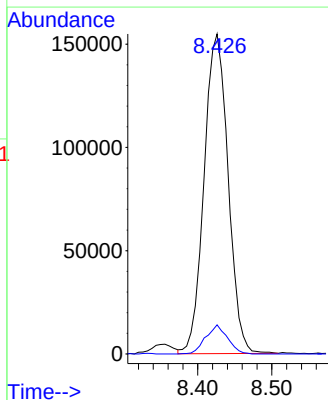
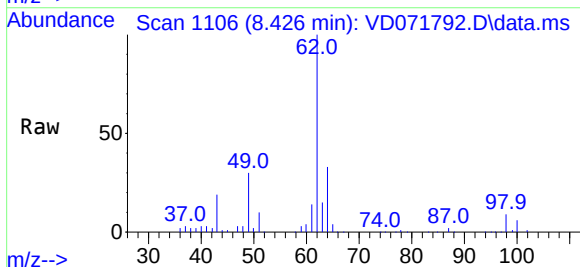
Manual Integrations
APPROVED

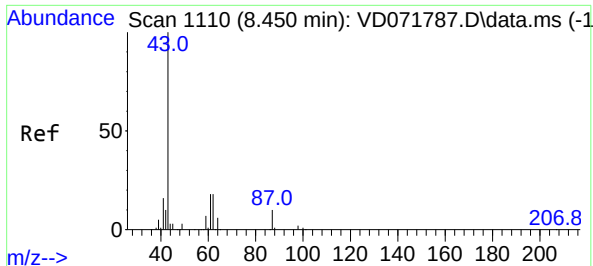
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#42
1,2-Dichloroethane
Concen: 48.853 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07

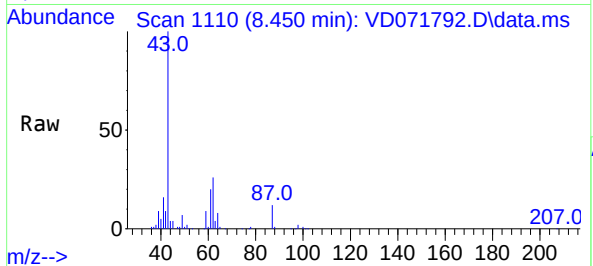
Tgt Ion: 62 Resp: 348879
Ion Ratio Lower Upper
62 100
98 8.2 0.0 17.6





#43
Isopropyl Acetate
Concen: 47.455 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07

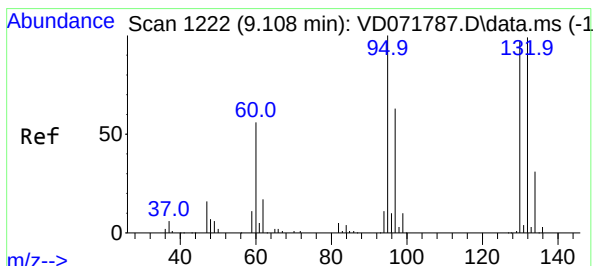
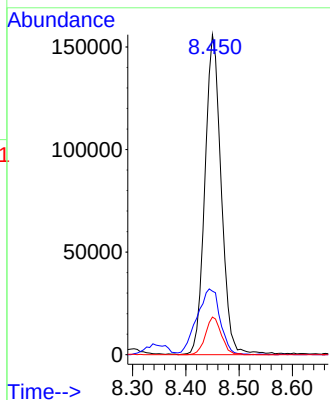
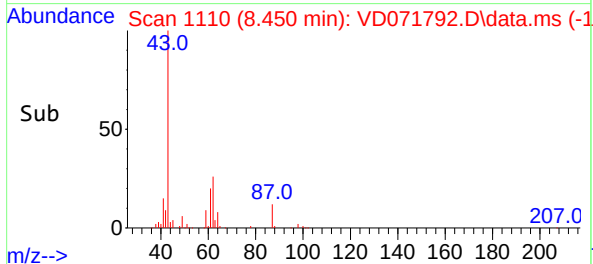
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



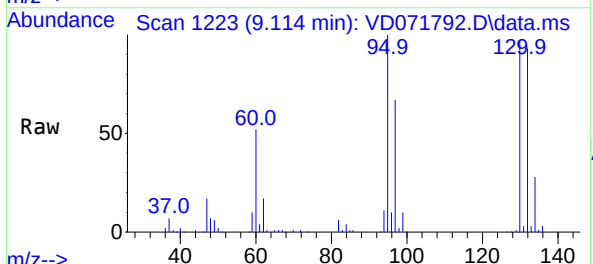
Tgt Ion: 43 Resp: 332225
Ion Ratio Lower Upper
43 100
61 29.4 22.4 33.6
87 11.4 8.7 13.1

Manual Integrations
APPROVED

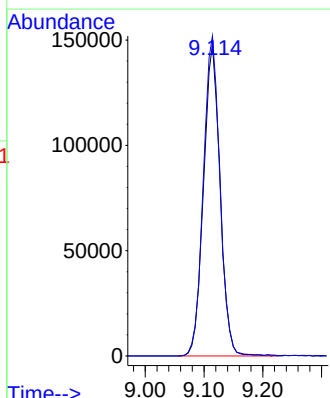
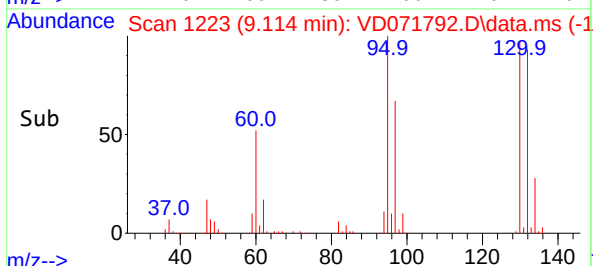
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

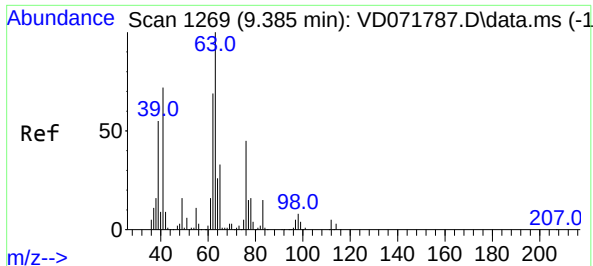


#44
Trichloroethene
Concen: 49.540 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. 0.006 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07



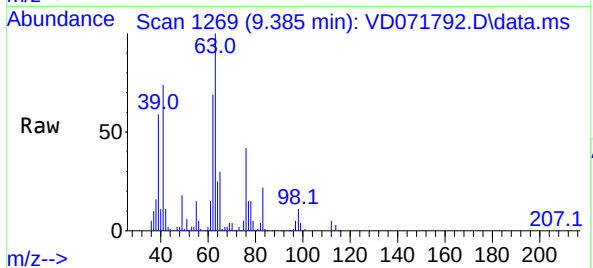
Tgt Ion:130 Resp: 289282
Ion Ratio Lower Upper
130 100
95 102.7 0.0 205.4





#45
1,2-Dichloropropane
Concen: 48.969 ug/l
RT: 9.385 min Scan# 1269
Delta R.T. 0.000 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07

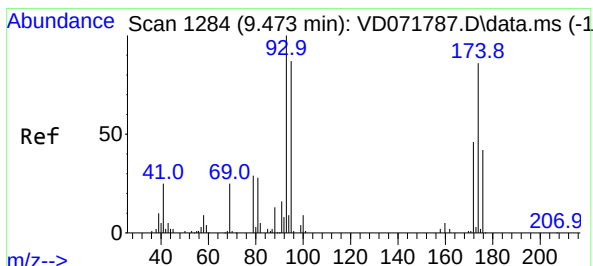
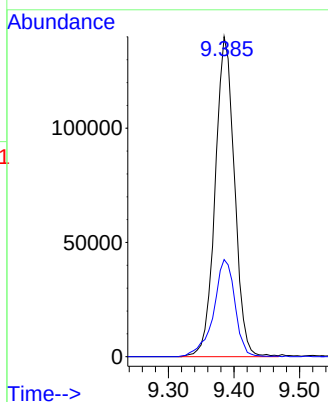
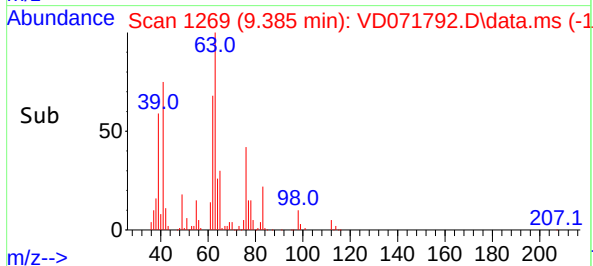
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



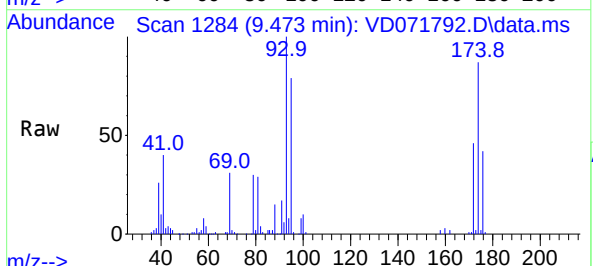
Tgt Ion: 63 Resp: 28555
Ion Ratio Lower Upper
63 100
65 30.4 26.2 39.4

Manual Integrations
APPROVED

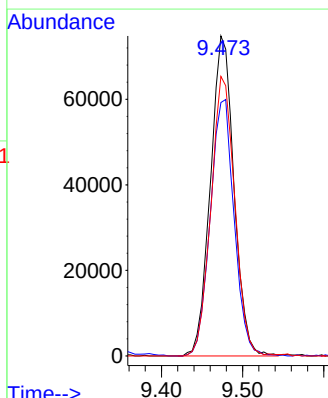
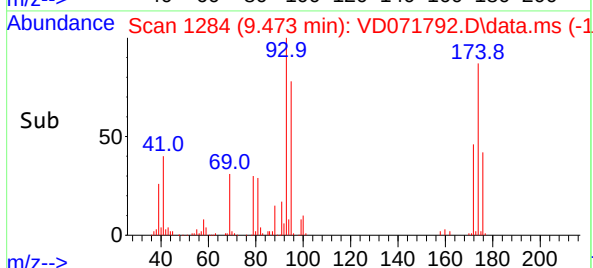
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

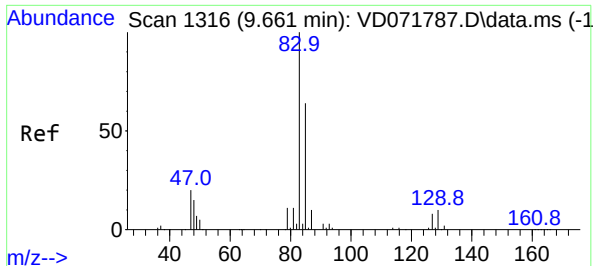


#46
Dibromomethane
Concen: 49.320 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. 0.000 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07



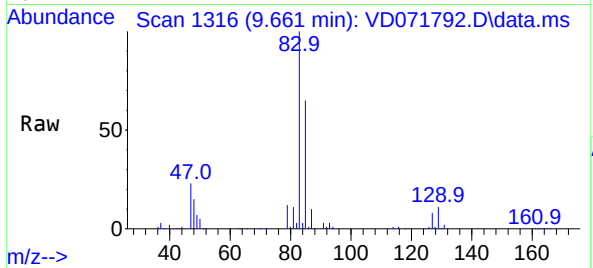
Tgt Ion: 93 Resp: 150592
Ion Ratio Lower Upper
93 100
95 81.4 66.7 100.1
174 88.7 71.6 107.4





#47
Bromodichloromethane
Concen: 48.937 ug/l
RT: 9.661 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07

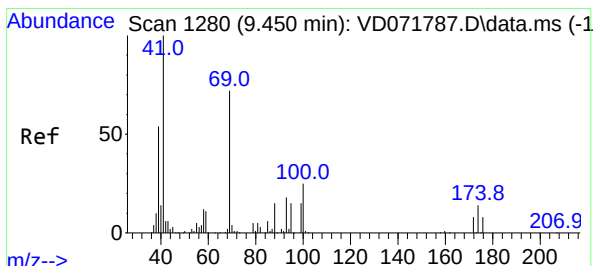
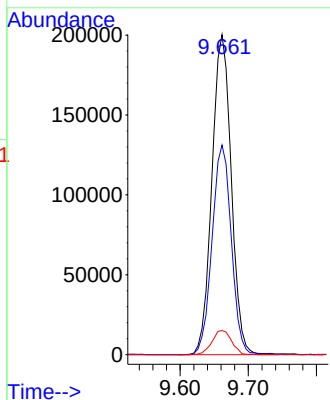
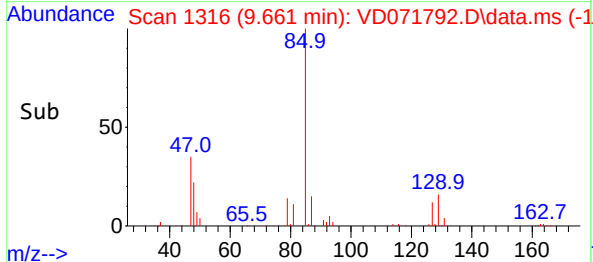
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



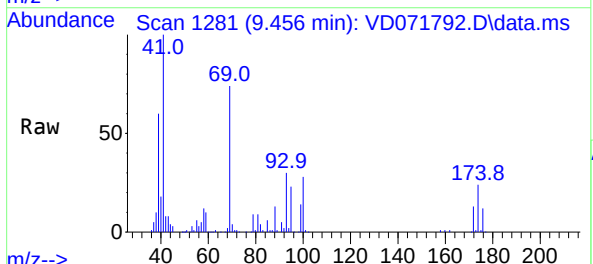
Tgt Ion: 83 Resp: 395179
Ion Ratio Lower Upper
83 100
85 65.5 51.4 77.0
127 7.5 6.1 9.1

Manual Integrations
APPROVED

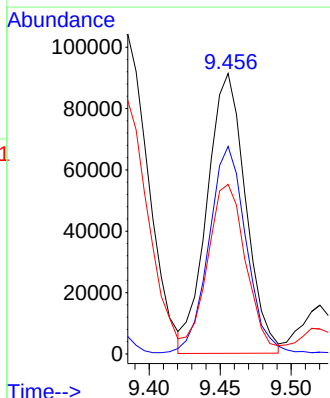
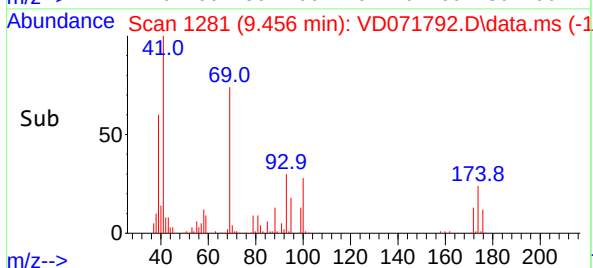
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

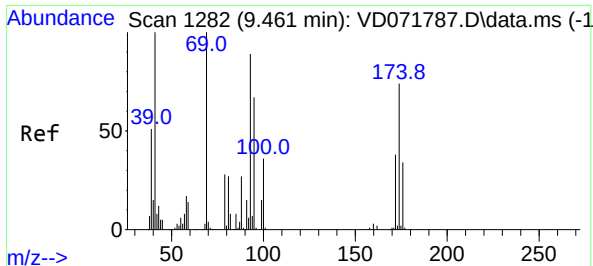


#48
Methyl methacrylate
Concen: 46.445 ug/l
RT: 9.456 min Scan# 1281
Delta R.T. 0.006 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07



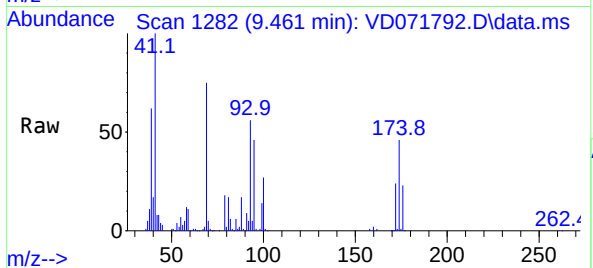
Tgt Ion: 41 Resp: 172084
Ion Ratio Lower Upper
41 100
69 73.1 56.7 85.1
39 60.9 42.7 64.1





#49
1,4-Dioxane
Concen: 893.349 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. 0.000 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07

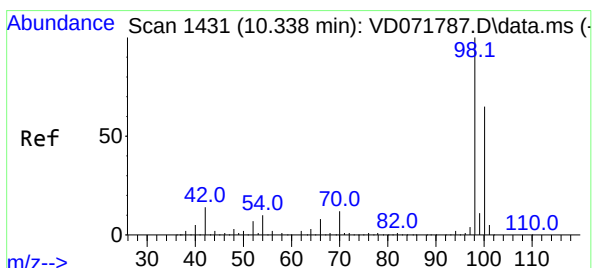
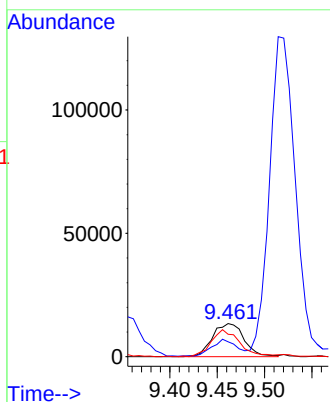
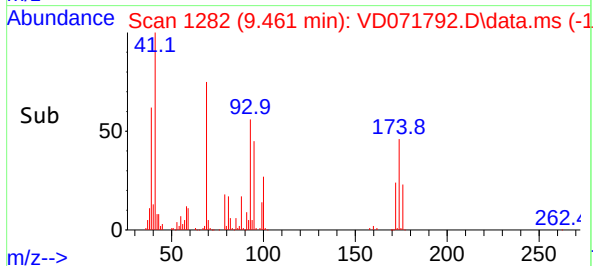
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



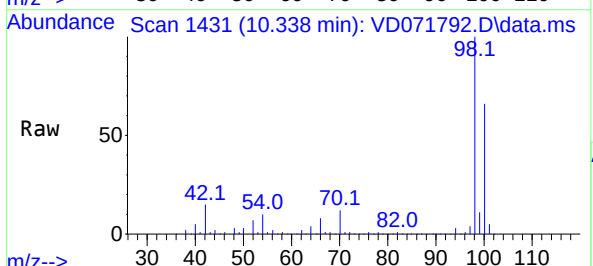
Tgt Ion: 88 Resp: 31134
Ion Ratio Lower Upper
88 100
43 39.1 31.0 46.4
58 73.5 58.1 87.1

Manual Integrations
APPROVED

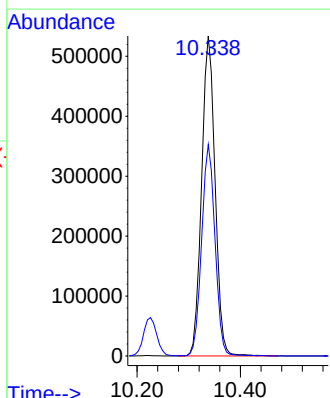
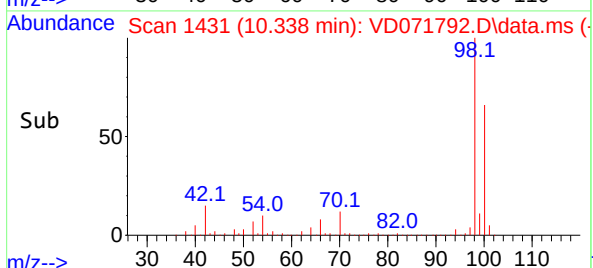
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

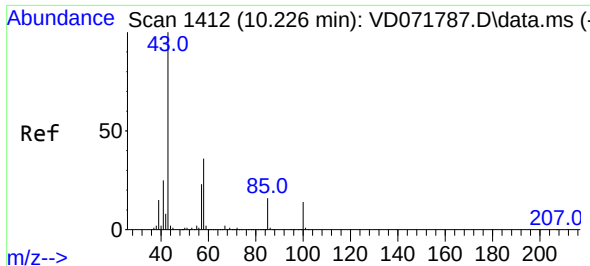


#50
Toluene-d8
Concen: 52.817 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07



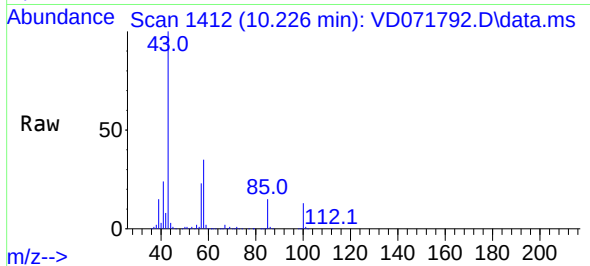
Tgt Ion: 98 Resp: 962872
Ion Ratio Lower Upper
98 100
100 65.9 52.4 78.6





#51
4-Methyl-2-Pentanone
Concen: 235.667 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. 0.000 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07

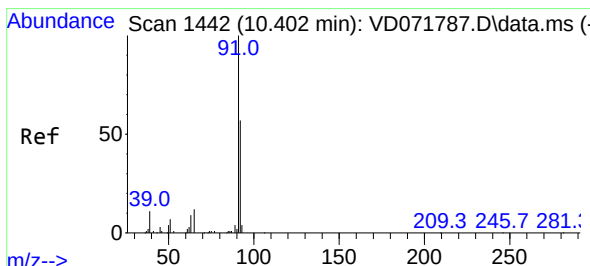
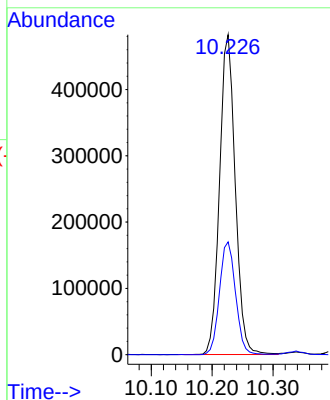
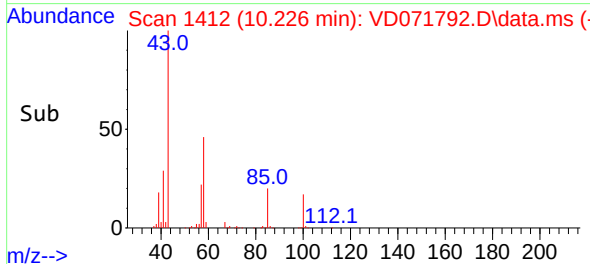
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



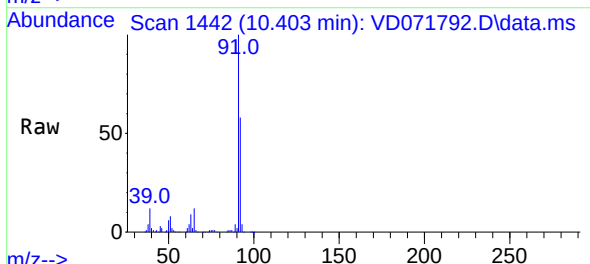
Tgt Ion: 43 Resp: 863400
Ion Ratio Lower Upper
43 100
58 36.1 28.6 43.0

Manual Integrations
APPROVED

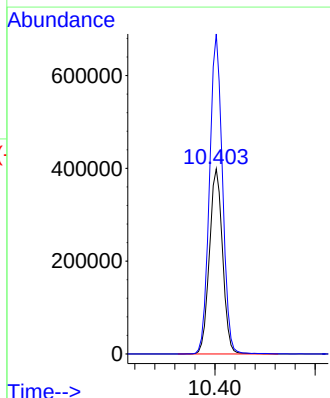
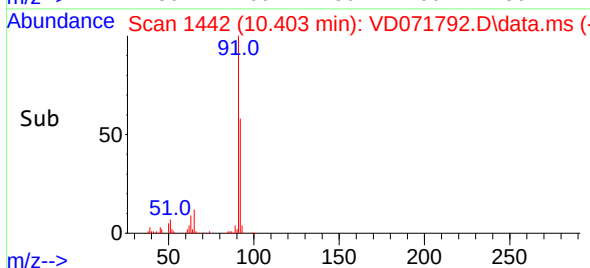
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

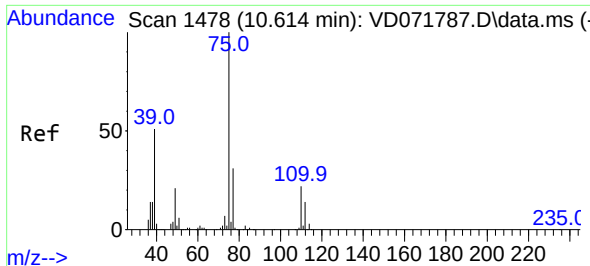


#52
Toluene
Concen: 51.567 ug/l
RT: 10.403 min Scan# 1442
Delta R.T. 0.000 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07



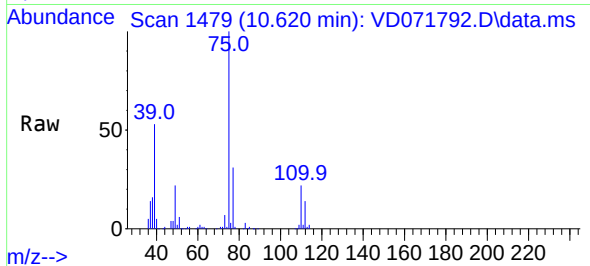
Tgt Ion: 92 Resp: 725193
Ion Ratio Lower Upper
92 100
91 170.1 139.6 209.4





#53
t-1,3-Dichloropropene
Concen: 49.801 ug/l
RT: 10.620 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07

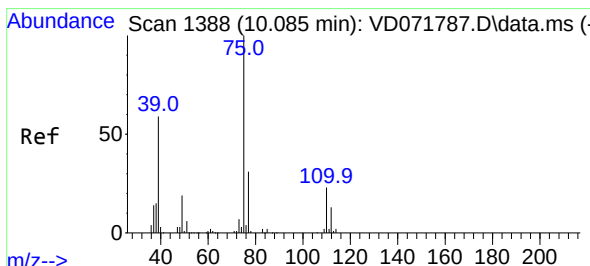
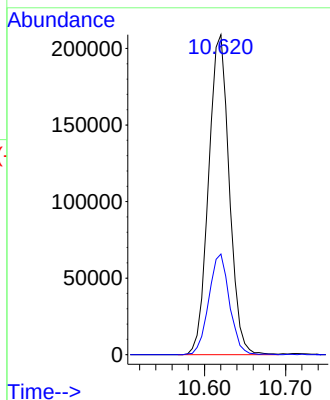
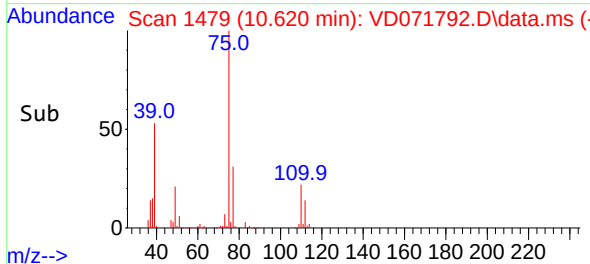
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



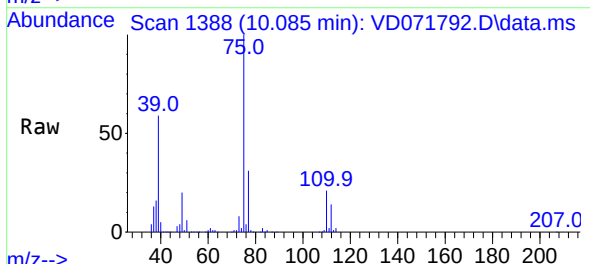
Tgt Ion: 75 Resp: 369360
Ion Ratio Lower Upper
75 100
77 31.5 24.5 36.7

Manual Integrations
APPROVED

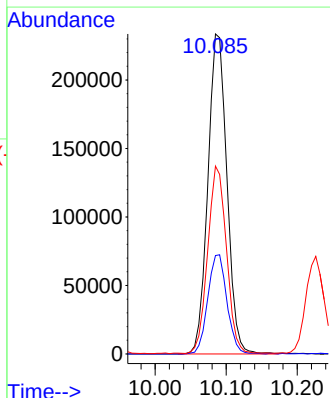
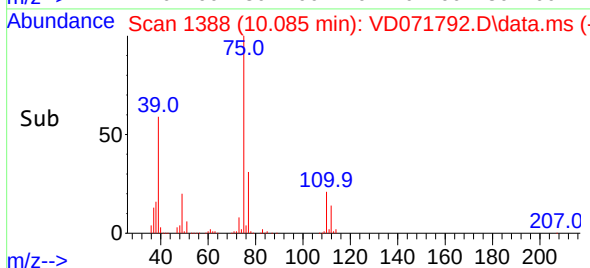
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

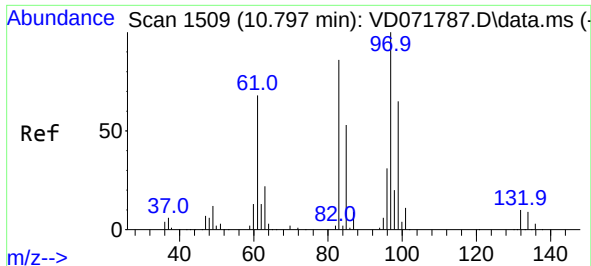


#54
cis-1,3-Dichloropropene
Concen: 50.056 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07



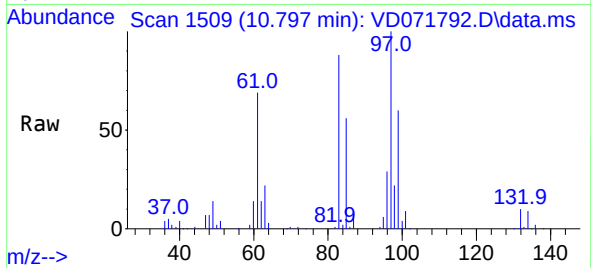
Tgt Ion: 75 Resp: 435170
Ion Ratio Lower Upper
75 100
77 30.8 24.8 37.2
39 58.5 46.8 70.2





#55
1,1,2-Trichloroethane
Concen: 46.971 ug/l
RT: 10.797 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07

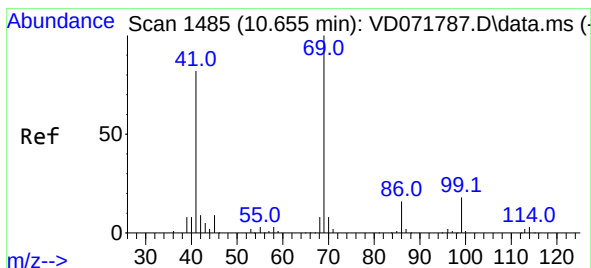
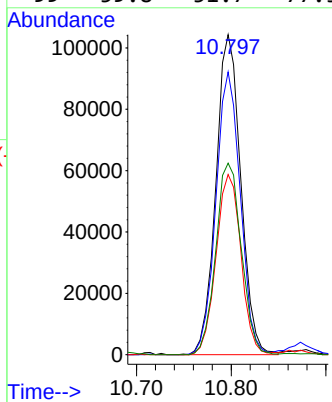
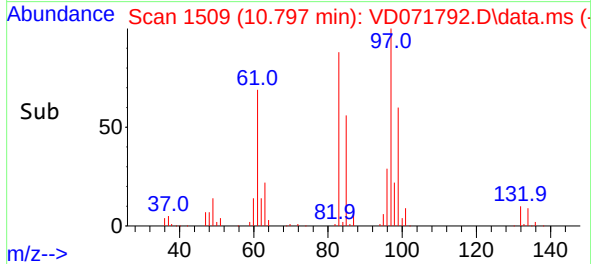
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



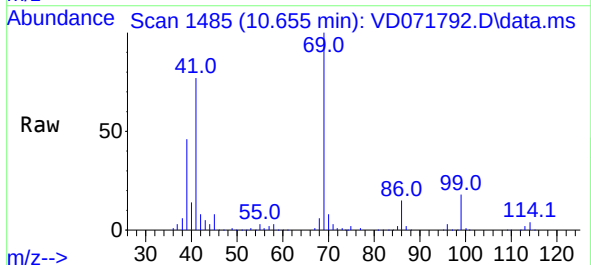
Tgt Ion: 97 Resp: 19034
Ion Ratio Lower Upper
97 100
83 88.3 69.0 103.4
85 56.3 42.6 63.8
99 59.8 51.7 77.5

Manual Integrations
APPROVED

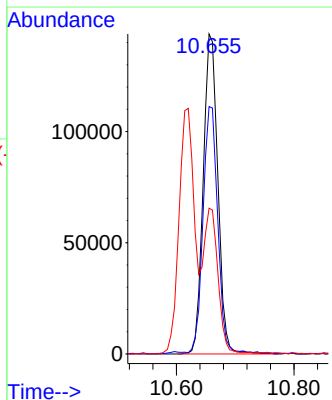
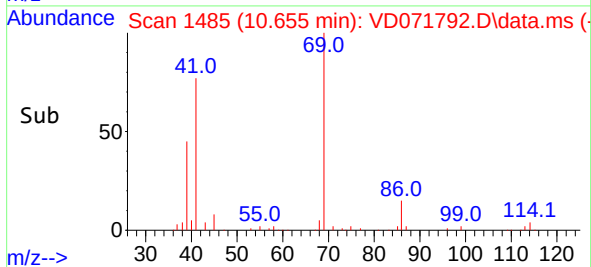
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

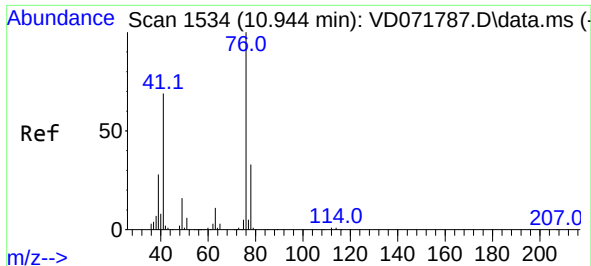


#56
Ethyl methacrylate
Concen: 49.421 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07



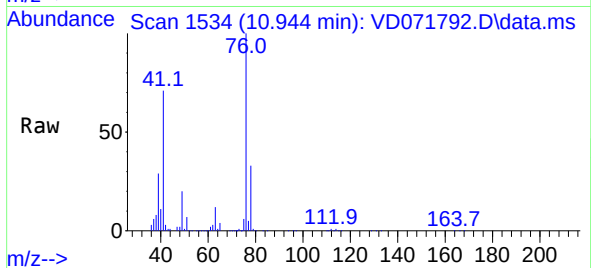
Tgt Ion: 69 Resp: 247961
Ion Ratio Lower Upper
69 100
41 77.0 63.0 94.6
39 45.0 33.8 50.8





#57
1,3-Dichloropropane
Concen: 48.002 ug/l
RT: 10.944 min Scan# 1534
Delta R.T. 0.000 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07

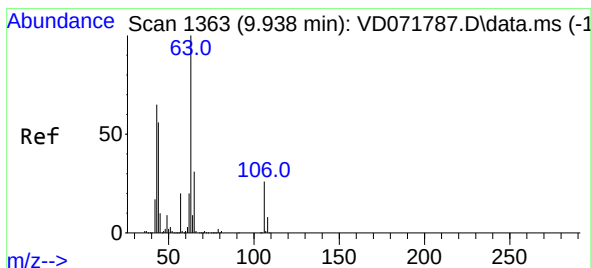
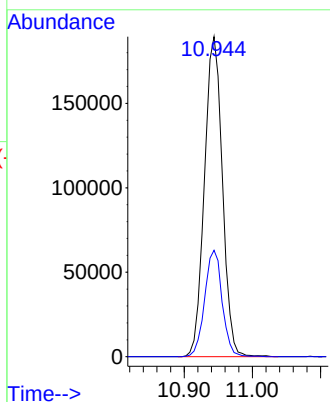
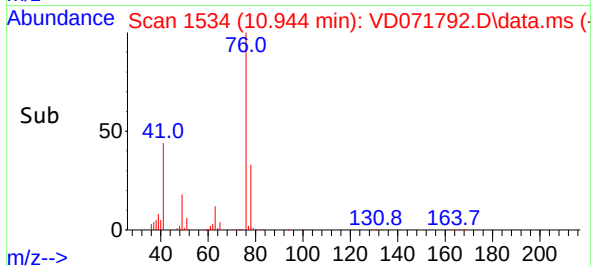
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 347270
Ion Ratio Lower Upper
76 100
78 32.4 26.0 39.0

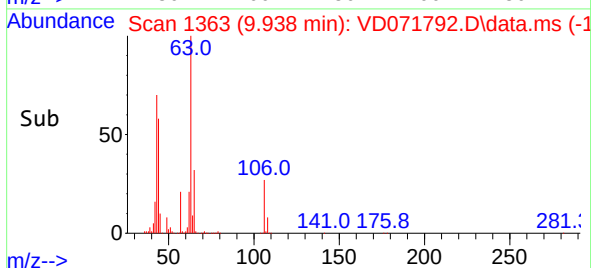
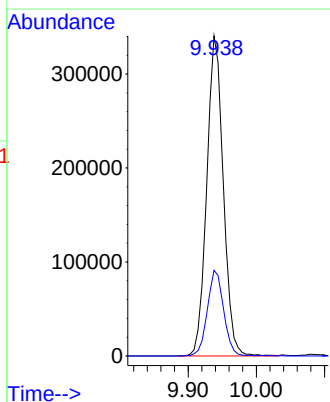
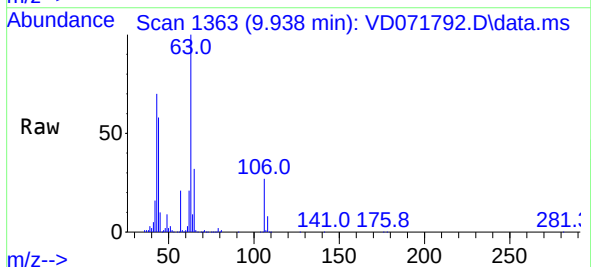
Manual Integrations
APPROVED

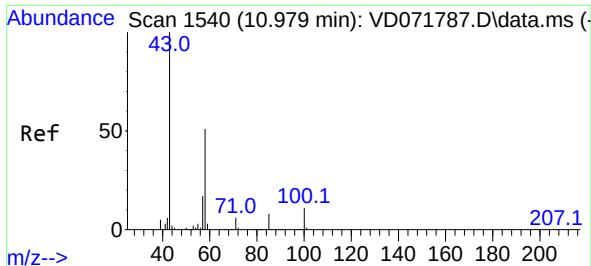
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#58
2-Chloroethyl Vinyl ether
Concen: 243.526 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07

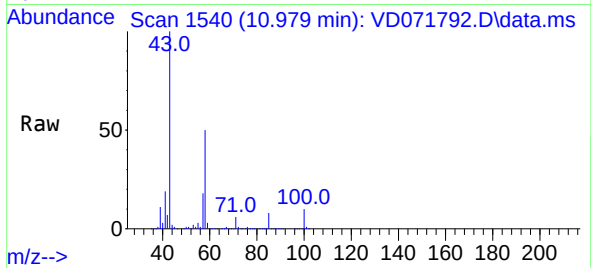
Tgt Ion: 63 Resp: 575182
Ion Ratio Lower Upper
63 100
106 26.4 21.4 32.0





#59
2-Hexanone
Concen: 247.060 ug/l
RT: 10.979 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07

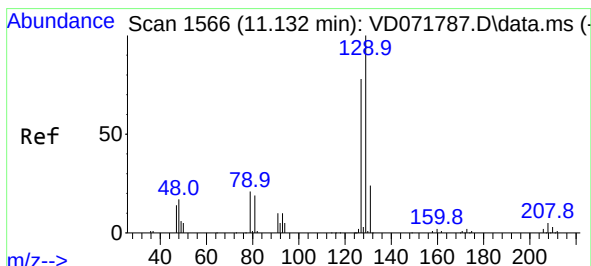
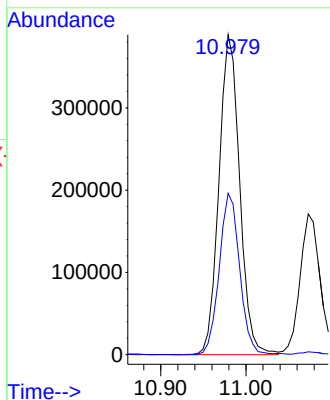
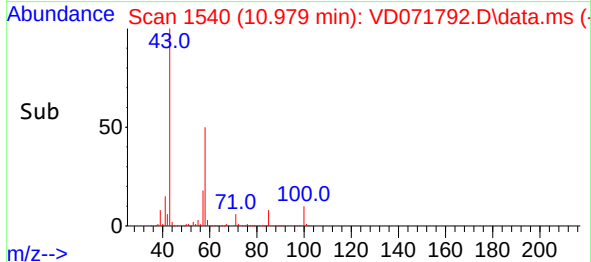
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 65695
Ion Ratio Lower Upper
43 100
58 49.8 25.3 75.9

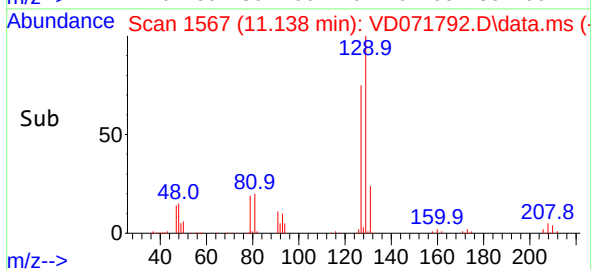
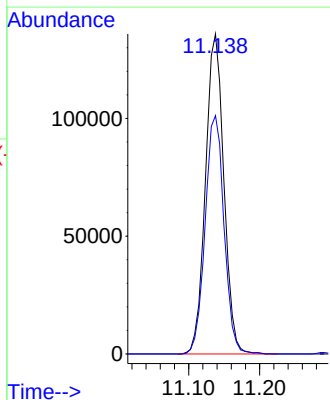
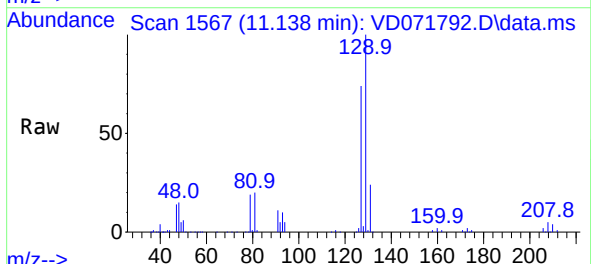
Manual Integrations
APPROVED

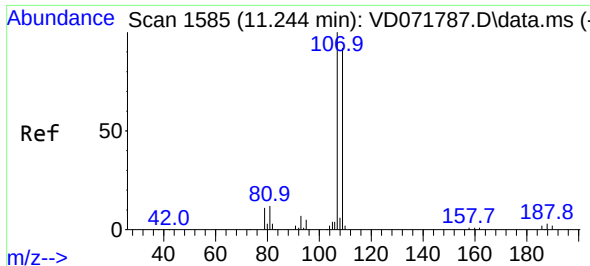
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#60
Dibromochloromethane
Concen: 48.767 ug/l
RT: 11.138 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07

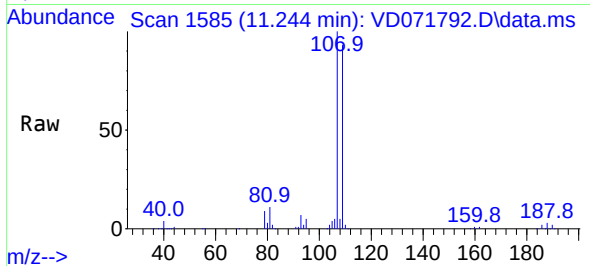
Tgt Ion:129 Resp: 244035
Ion Ratio Lower Upper
129 100
127 76.8 39.2 117.6





#61
1,2-Dibromoethane
Concen: 48.197 ug/l
RT: 11.244 min Scan# 1585
Delta R.T. 0.000 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07

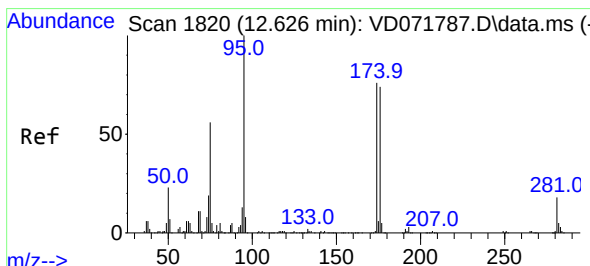
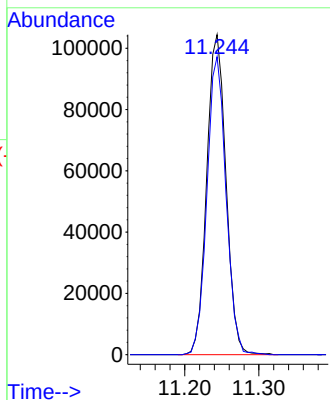
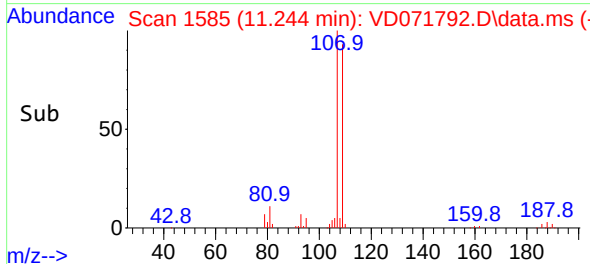
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



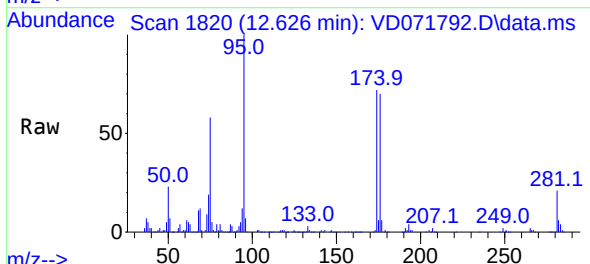
Tgt Ion:107 Resp: 188170
Ion Ratio Lower Upper
107 100
109 92.3 74.2 111.4

Manual Integrations
APPROVED

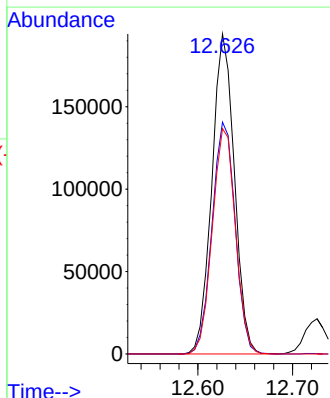
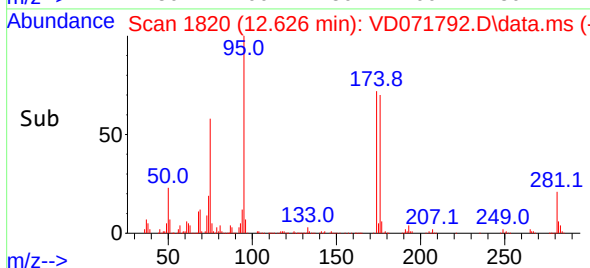
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

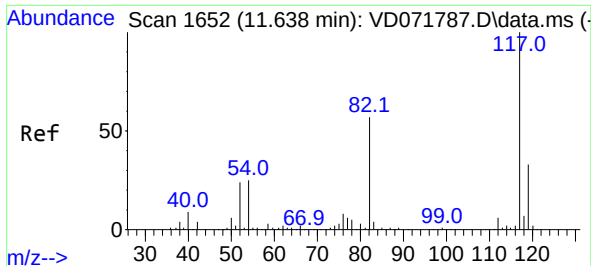


#62
4-Bromofluorobenzene
Concen: 50.301 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07



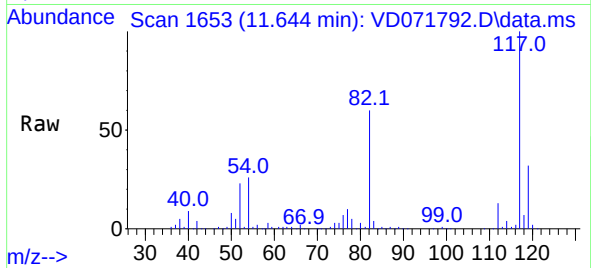
Tgt Ion: 95 Resp: 320228
Ion Ratio Lower Upper
95 100
174 74.5 0.0 152.8
176 72.4 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.006 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07

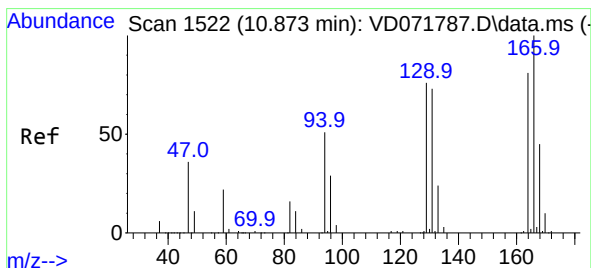
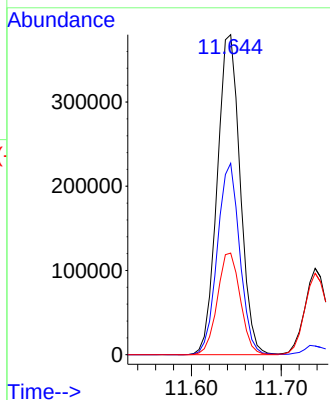
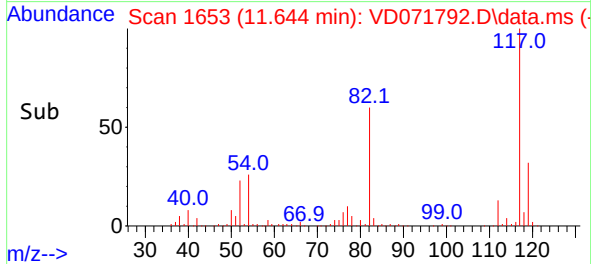
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



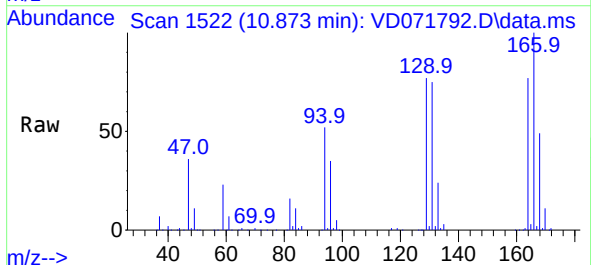
Tgt Ion:117 Resp: 674362
Ion Ratio Lower Upper
117 100
82 59.8 45.3 67.9
119 31.7 26.6 40.0

Manual Integrations
APPROVED

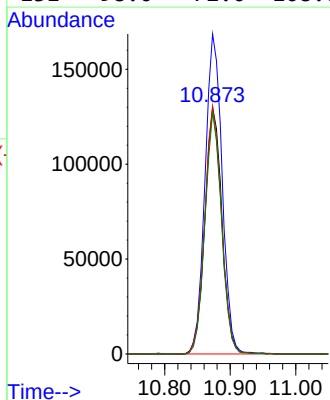
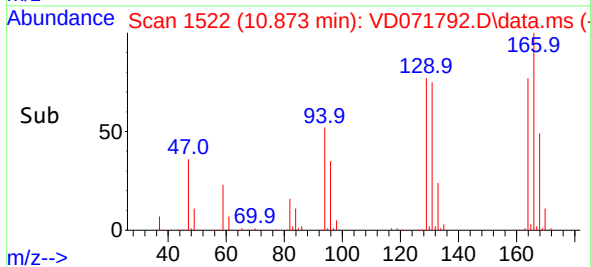
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

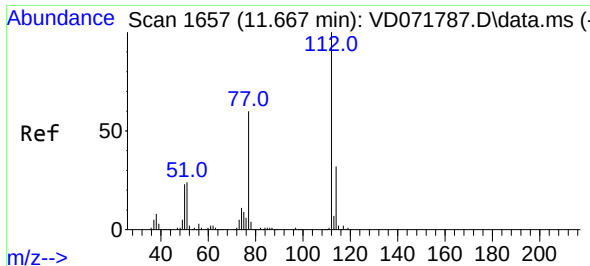


#64
Tetrachloroethene
Concen: 49.398 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07



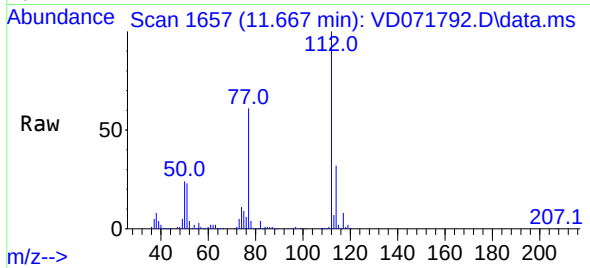
Tgt Ion:164 Resp: 235636
Ion Ratio Lower Upper
164 100
166 129.8 98.5 147.7
129 100.5 74.6 111.8
131 98.0 72.0 108.0





#65
Chlorobenzene
Concen: 50.105 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. 0.000 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07

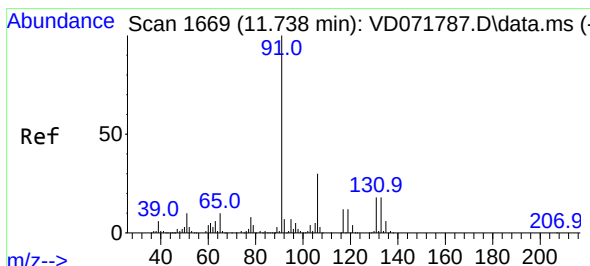
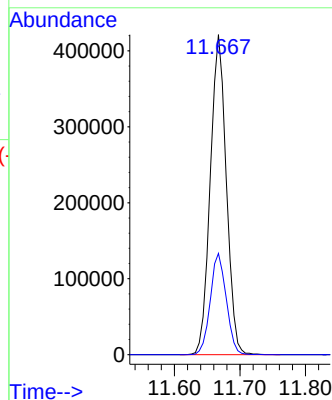
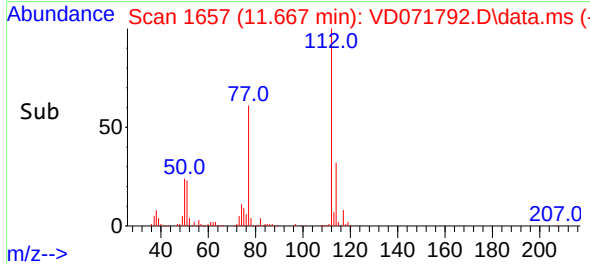
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



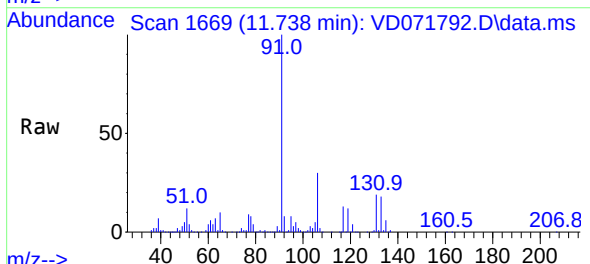
Tgt Ion:112 Resp: 714834
Ion Ratio Lower Upper
112 100
114 31.7 25.8 38.6

Manual Integrations
APPROVED

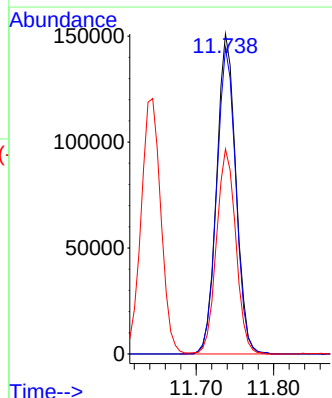
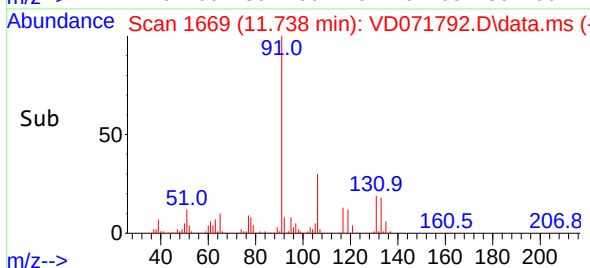
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

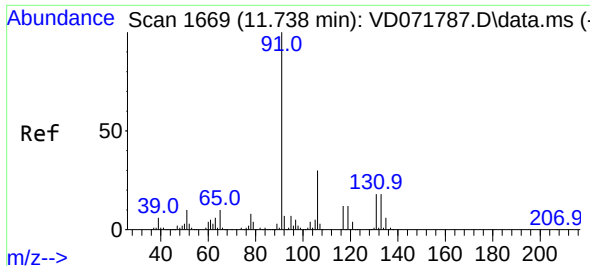


#66
1,1,1,2-Tetrachloroethane
Concen: 50.233 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07



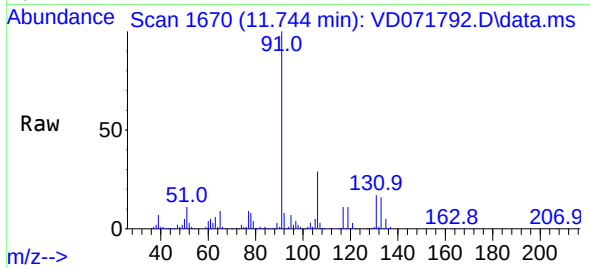
Tgt Ion:131 Resp: 260718
Ion Ratio Lower Upper
131 100
133 95.4 48.1 144.3
119 64.3 31.9 95.9





#67
Ethyl Benzene
Concen: 52.672 ug/l
RT: 11.744 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07

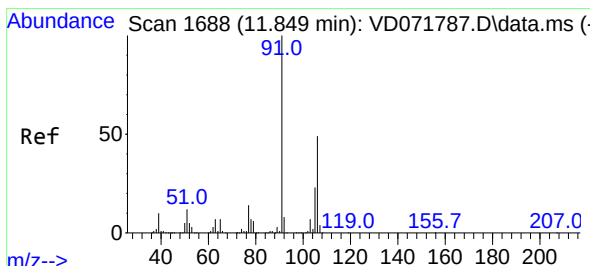
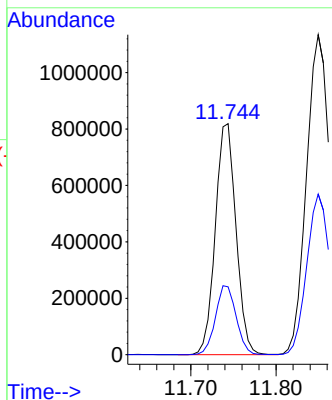
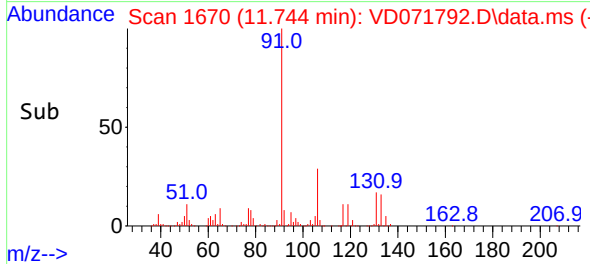
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



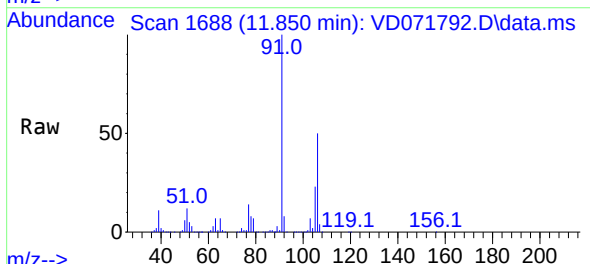
Tgt Ion: 91 Resp: 1382714
Ion Ratio Lower Upper
91 100
106 29.4 24.2 36.4

Manual Integrations
APPROVED

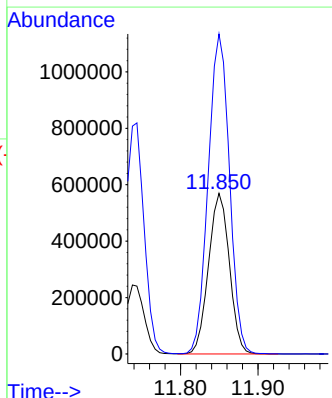
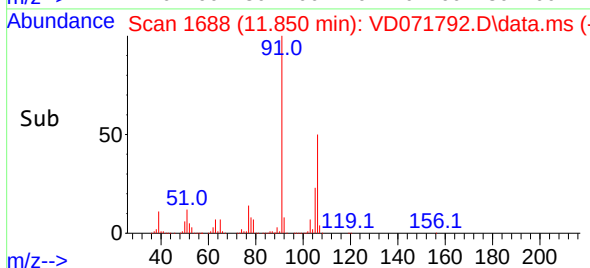
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

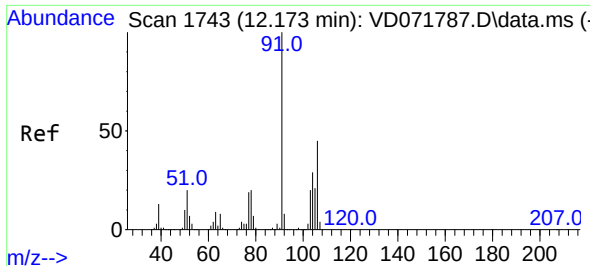


#68
m/p-Xylenes
Concen: 106.516 ug/l
RT: 11.850 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07



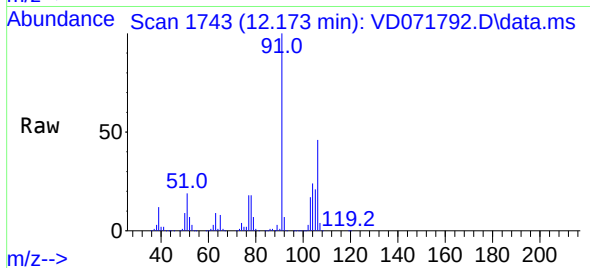
Tgt Ion:106 Resp: 1063566
Ion Ratio Lower Upper
106 100
91 203.0 163.7 245.5





#69
o-Xylene
Concen: 52.891 ug/l
RT: 12.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07

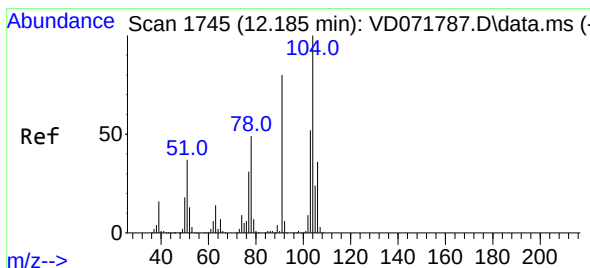
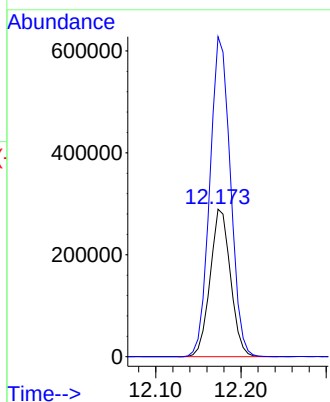
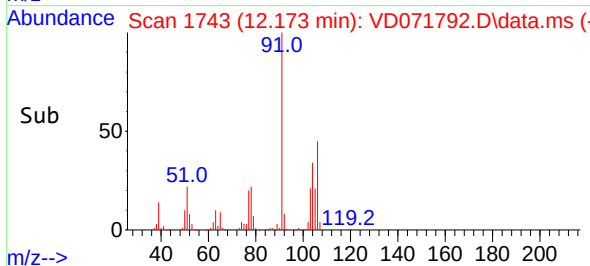
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 47993
Ion Ratio Lower Upper
106 100
91 219.6 110.4 331.2

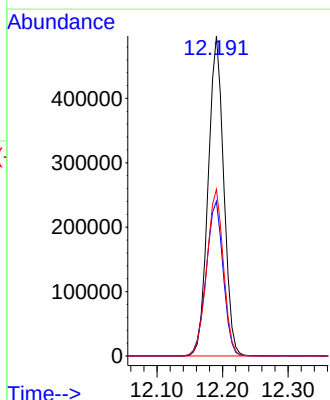
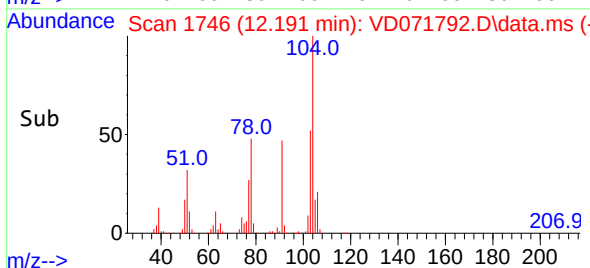
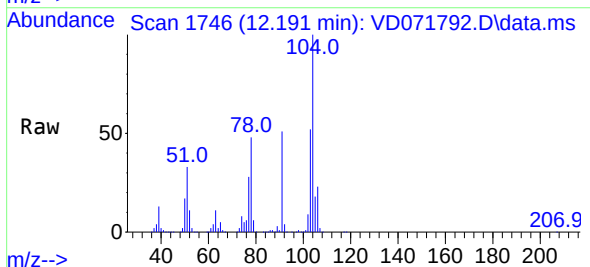
Manual Integrations
APPROVED

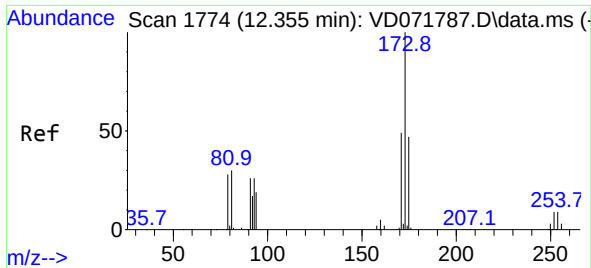
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#70
Styrene
Concen: 52.363 ug/l
RT: 12.191 min Scan# 1746
Delta R.T. 0.006 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07

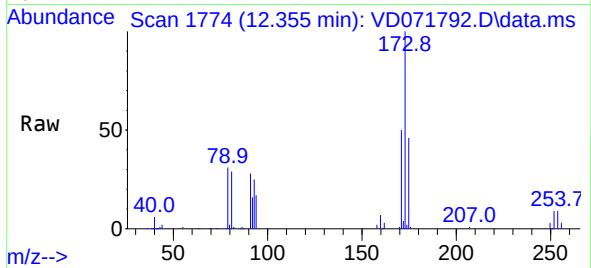
Tgt Ion:104 Resp: 818979
Ion Ratio Lower Upper
104 100
78 52.8 41.8 62.8
103 55.7 44.2 66.4





#71
Bromoform
Concen: 48.324 ug/l
RT: 12.355 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07

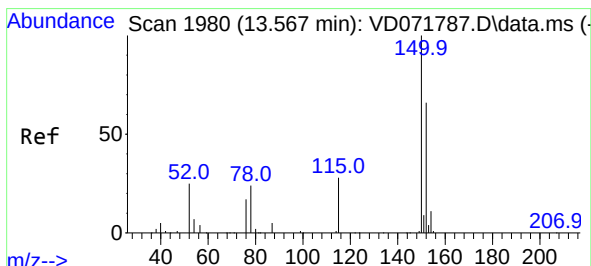
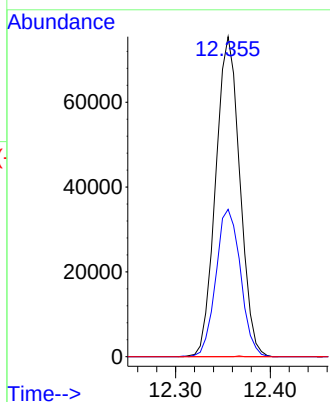
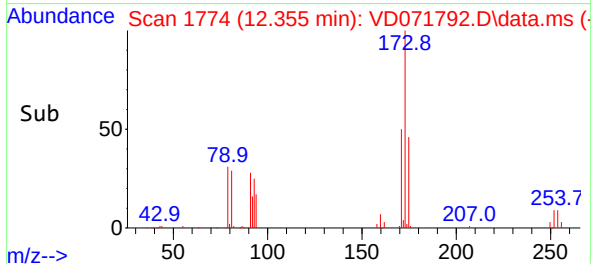
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



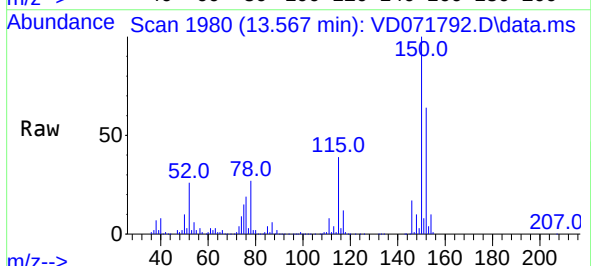
Tgt Ion:173 Resp: 133912
Ion Ratio Lower Upper
173 100
175 47.0 23.9 71.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

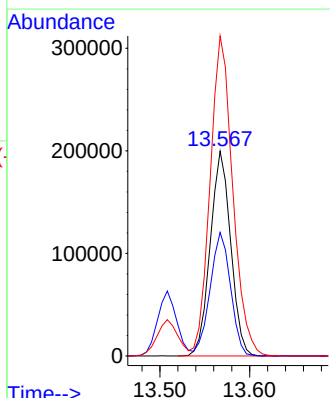
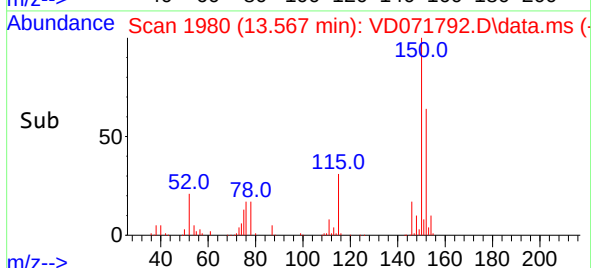
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

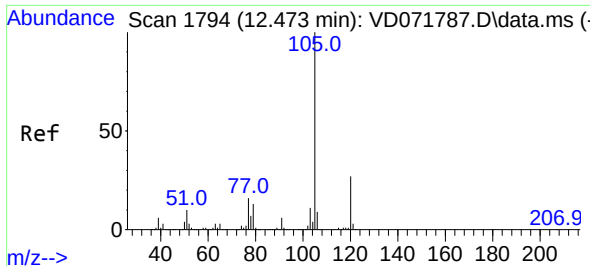


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07



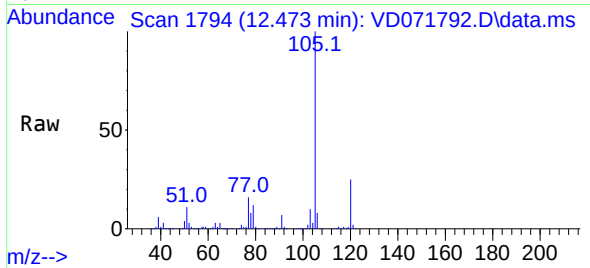
Tgt Ion:152 Resp: 316320
Ion Ratio Lower Upper
152 100
115 60.1 31.3 93.8
150 173.1 0.0 348.6





#73
Isopropylbenzene
Concen: 53.212 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07

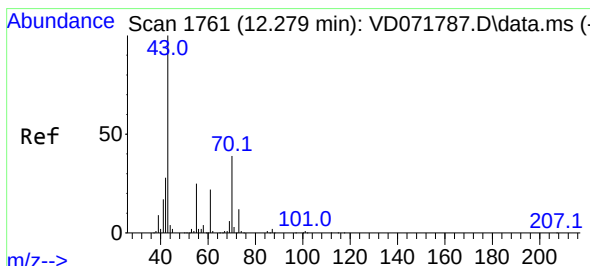
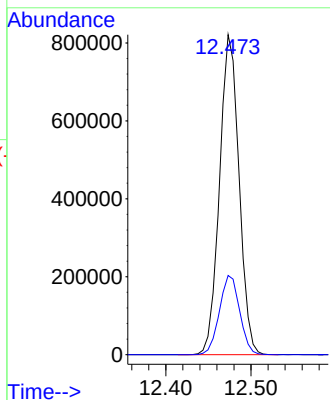
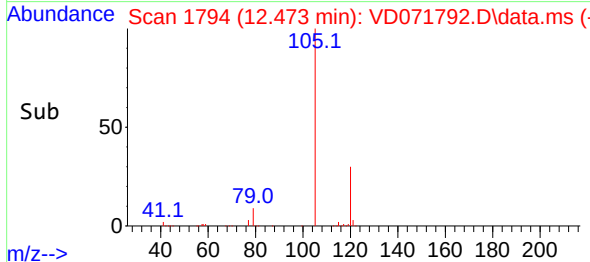
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



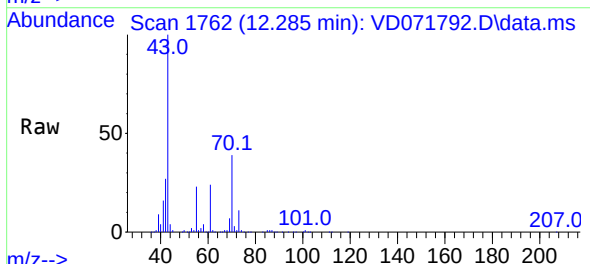
Tgt Ion:105 Resp: 1303374
Ion Ratio Lower Upper
105 100
120 25.7 13.0 38.9

Manual Integrations
APPROVED

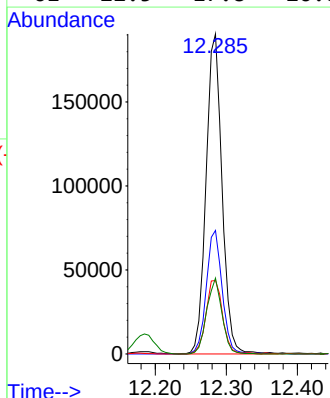
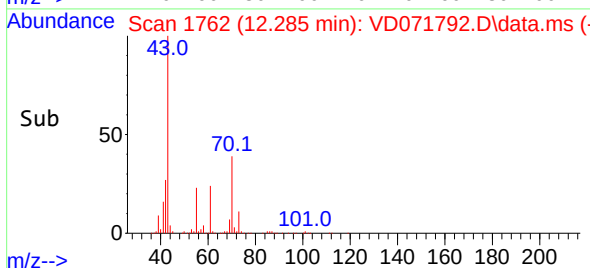
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

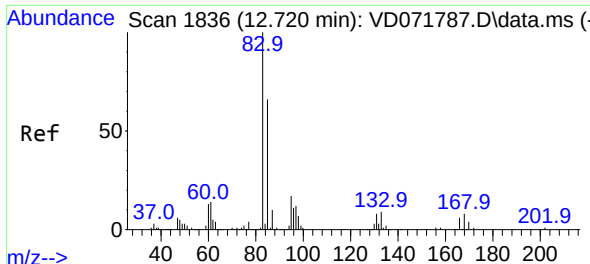


#74
N-ethyl acetate
Concen: 49.630 ug/l
RT: 12.285 min Scan# 1762
Delta R.T. 0.006 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07



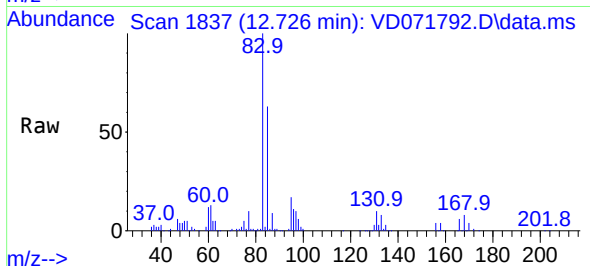
Tgt Ion: 43 Resp: 298956
Ion Ratio Lower Upper
43 100
70 38.1 31.3 46.9
55 23.9 20.0 30.0
61 22.5 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 46.003 ug/l
RT: 12.726 min Scan# 1837
Delta R.T. 0.006 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07

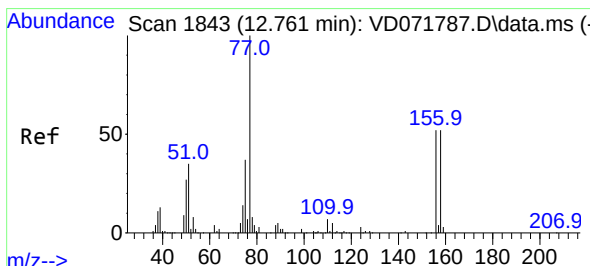
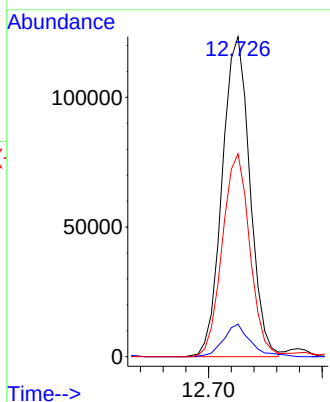
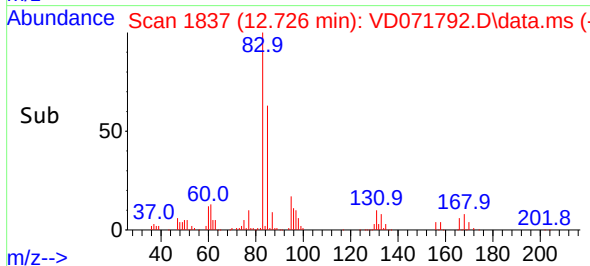
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



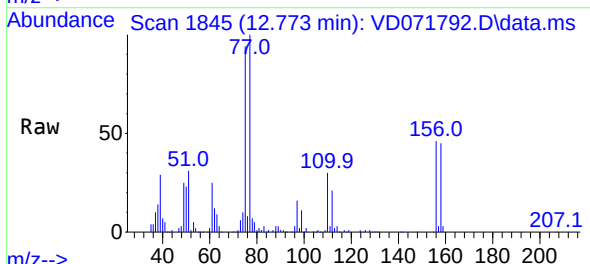
Tgt Ion: 83 Resp: 20852
Ion Ratio Lower Upper
83 100
131 10.0 5.0 14.9
85 63.4 32.6 98.0

Manual Integrations
APPROVED

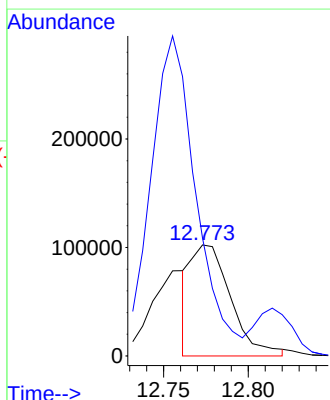
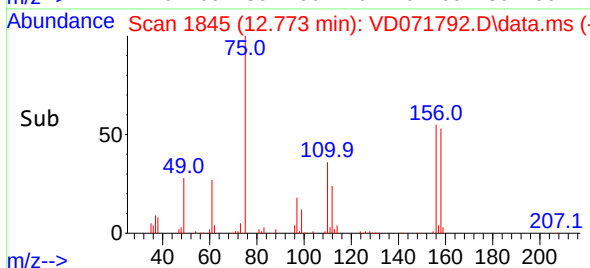
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

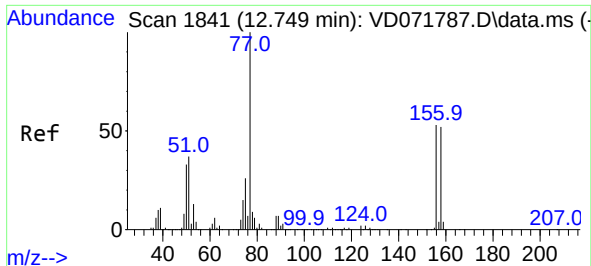


#76
1,2,3-Trichloropropane
Concen: 50.504 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07



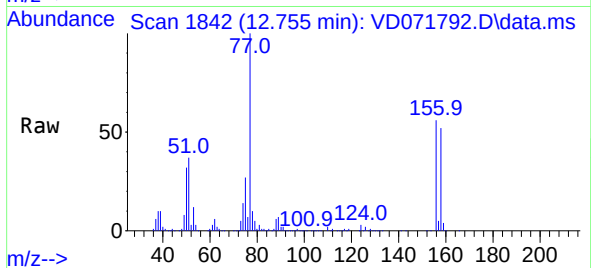
Tgt Ion: 75 Resp: 168362
Ion Ratio Lower Upper
75 100
77 327.6 0.0 0.0#





#77
Bromobenzene
Concen: 50.851 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07

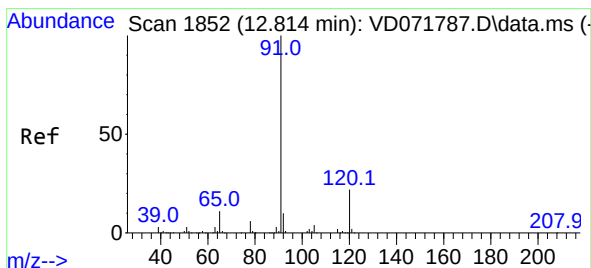
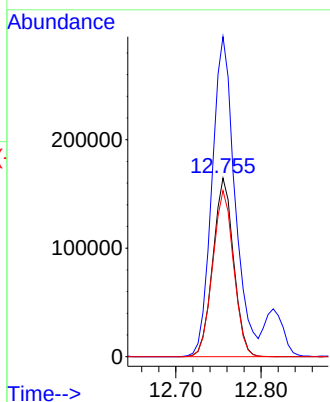
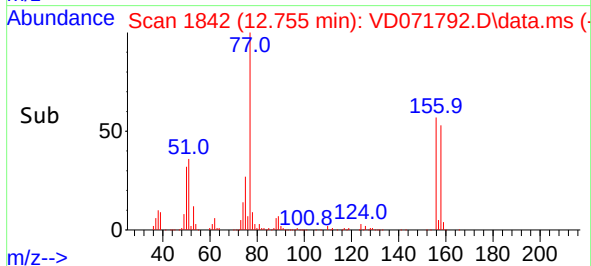
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



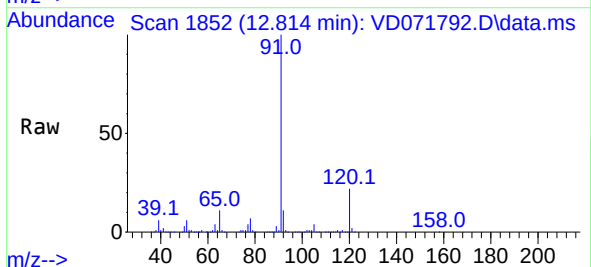
Tgt Ion:156 Resp: 27706
Ion Ratio Lower Upper
156 100
77 199.1 102.8 308.3
158 94.3 48.7 146.1

Manual Integrations
APPROVED

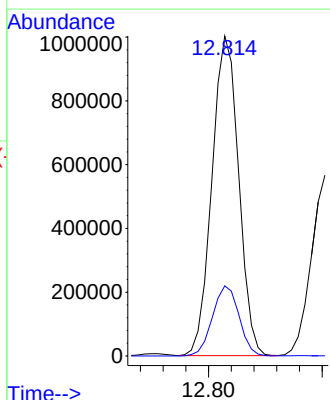
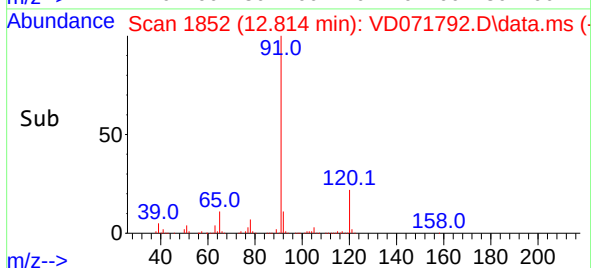
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

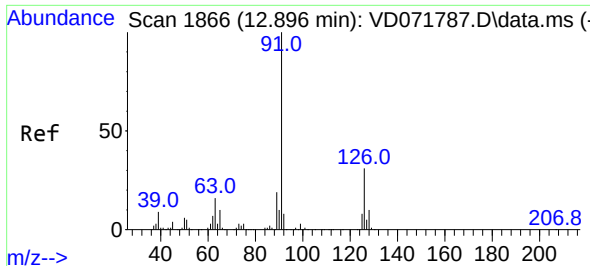


#78
n-propylbenzene
Concen: 53.290 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07



Tgt Ion: 91 Resp: 1636726
Ion Ratio Lower Upper
91 100
120 21.8 10.9 32.9





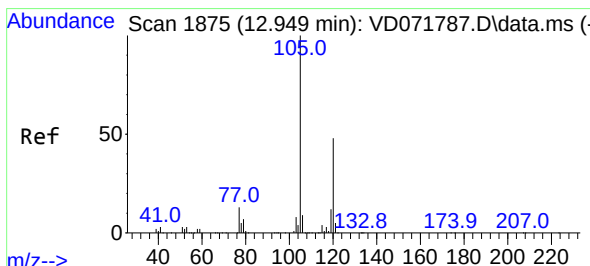
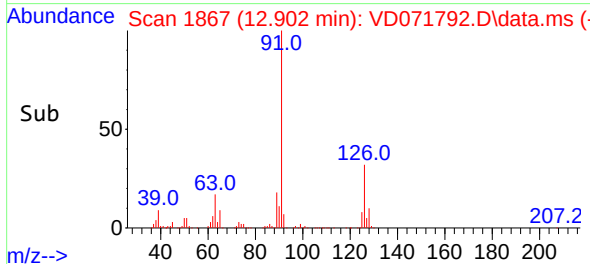
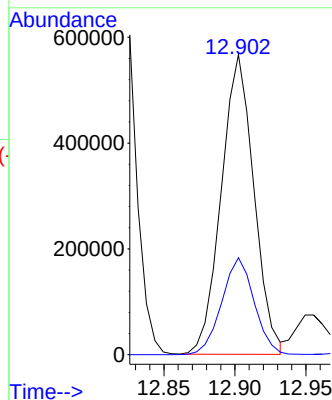
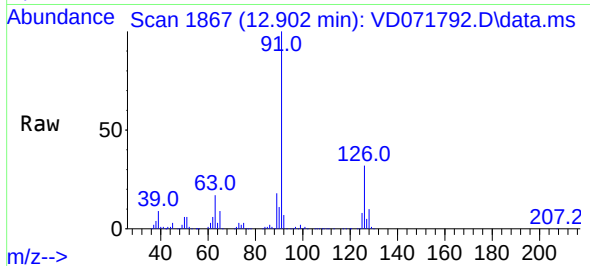
#79
2-Chlorotoluene
Concen: 52.055 ug/l
RT: 12.902 min Scan# 1867
Delta R.T. 0.006 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 90600
Ion Ratio Lower Upper
91 100
126 32.2 16.2 48.6

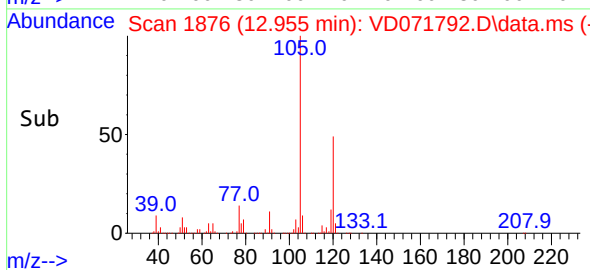
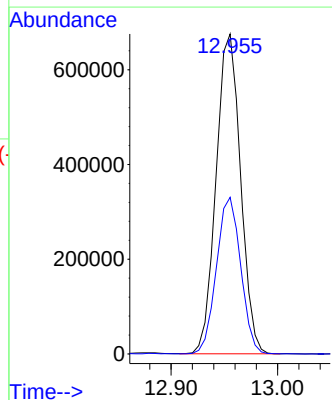
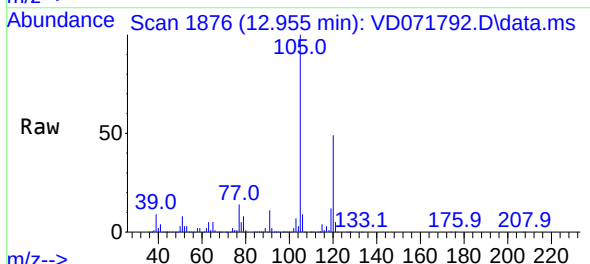
Manual Integrations
APPROVED

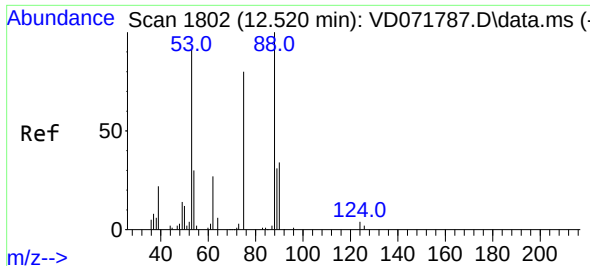
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#80
1,3,5-Trimethylbenzene
Concen: 52.985 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07

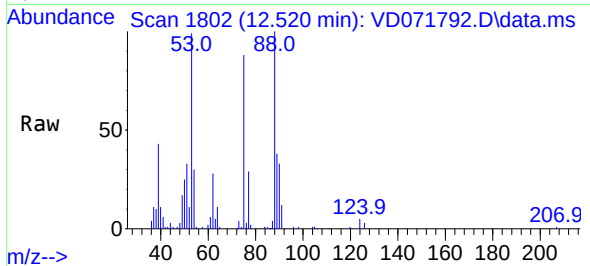
Tgt Ion:105 Resp: 1076475
Ion Ratio Lower Upper
105 100
120 48.6 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 48.957 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07

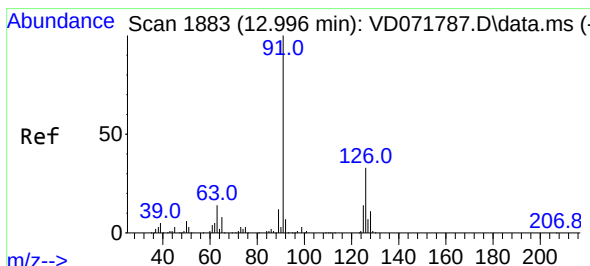
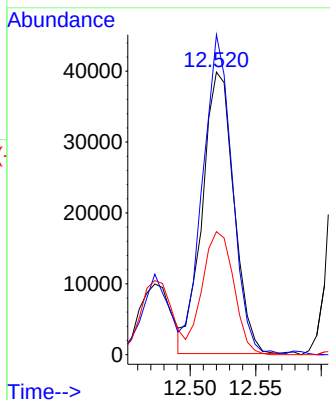
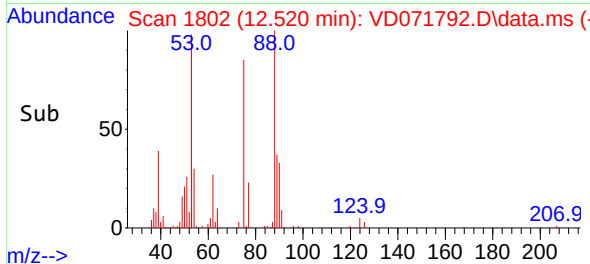
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



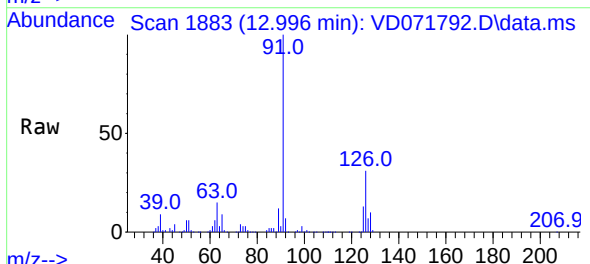
Tgt Ion: 75 Resp: 66370
Ion Ratio Lower Upper
75 100
53 106.0 86.5 129.7
89 43.3 33.9 50.9

Manual Integrations
APPROVED

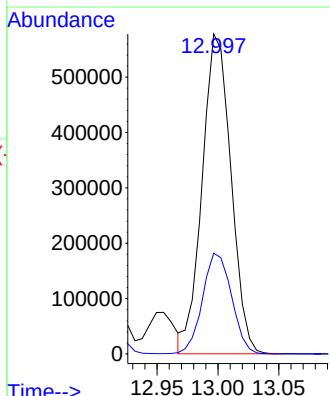
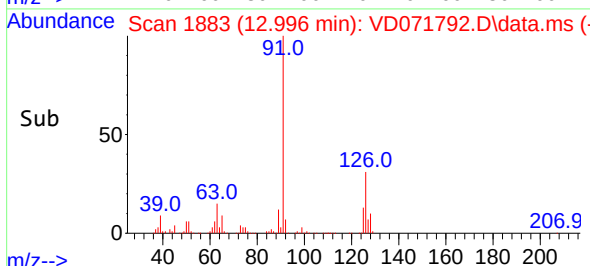
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

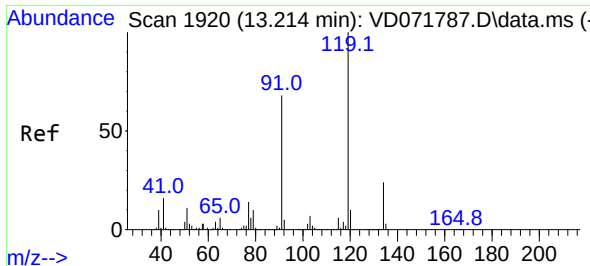


#82
4-Chlorotoluene
Concen: 52.507 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07



Tgt Ion: 91 Resp: 950787
Ion Ratio Lower Upper
91 100
126 31.9 16.5 49.5





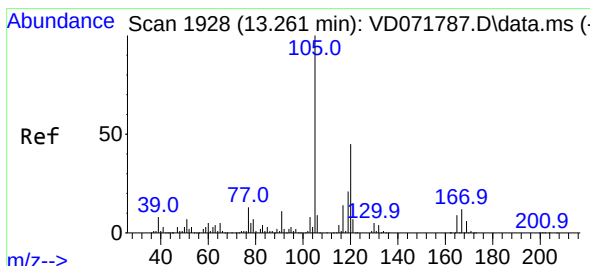
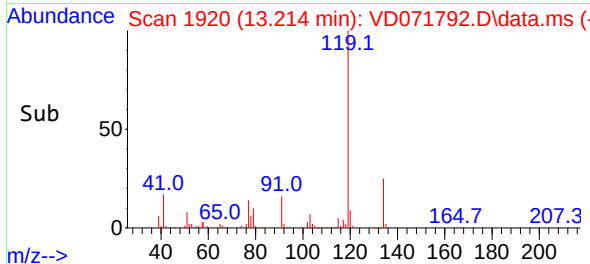
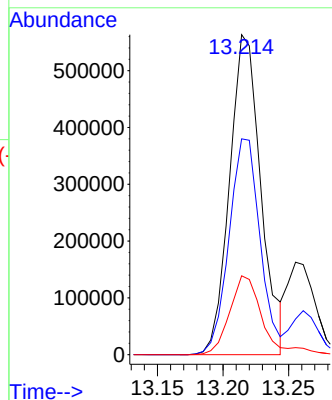
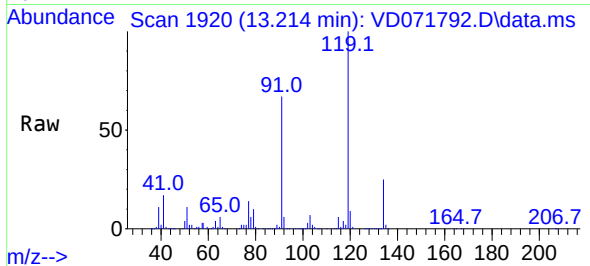
#83
tert-Butylbenzene
Concen: 55.698 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 93780
Ion Ratio Lower Upper
119 100
91 66.9 34.8 104.5
134 25.8 13.3 39.9

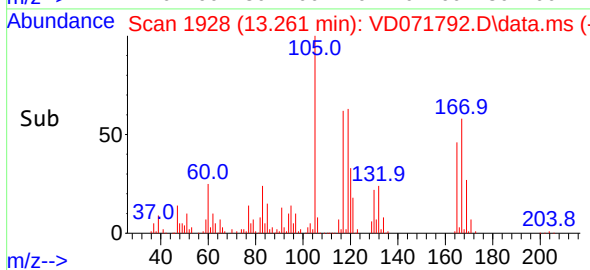
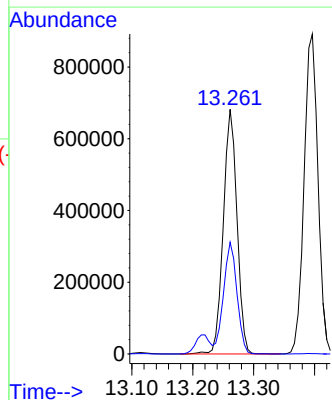
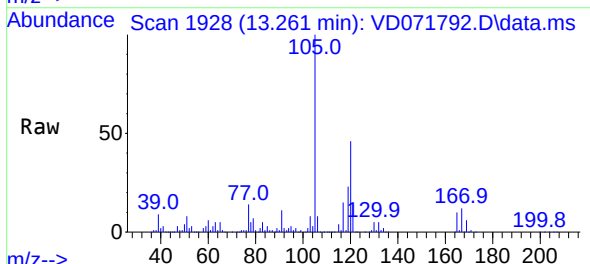
Manual Integrations
APPROVED

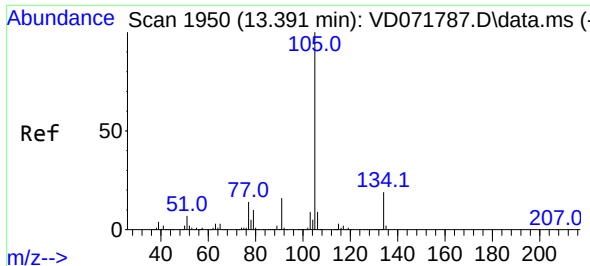
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#84
1,2,4-Trimethylbenzene
Concen: 53.251 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. 0.000 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07

Tgt Ion:105 Resp: 1064215
Ion Ratio Lower Upper
105 100
120 45.1 22.3 66.8





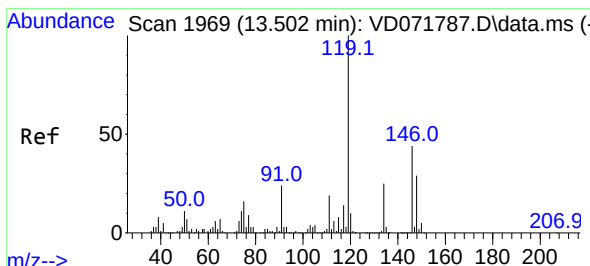
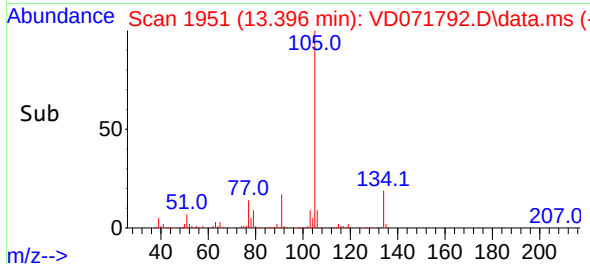
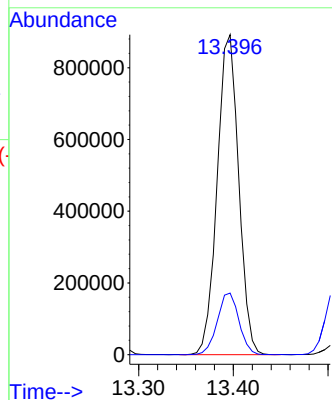
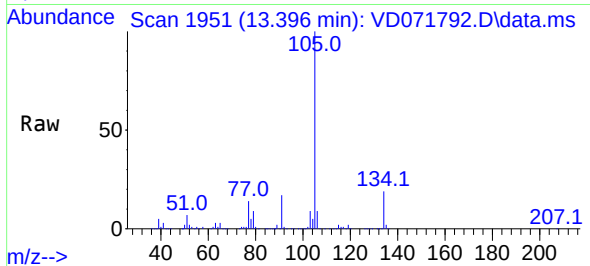
#85
 sec-Butylbenzene
 Concen: 53.374 ug/l
 RT: 13.396 min Scan# 1950
 Delta R.T. 0.006 min
 Lab File: VD071792.D
 Acq: 27 Jan 2022 10:07

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 140617
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.3

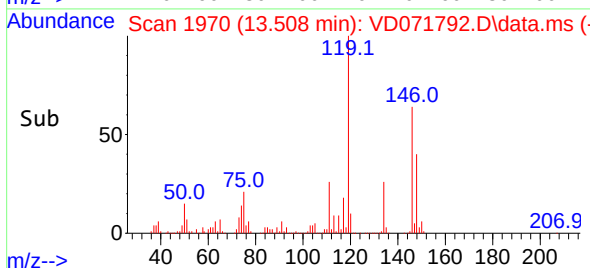
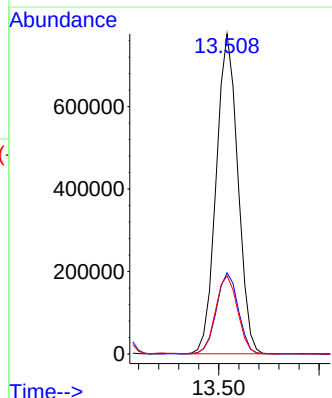
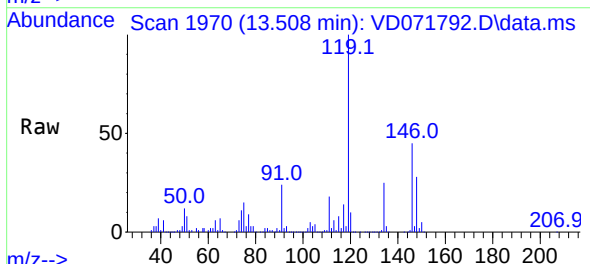
Manual Integrations
 APPROVED

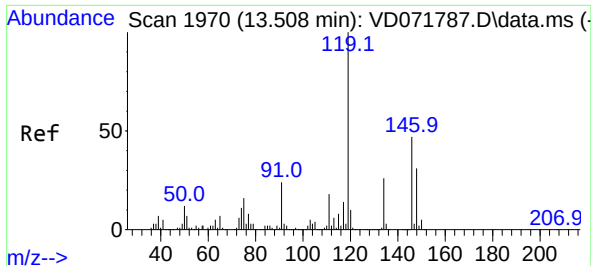
Reviewed By :John Carlone 01/28/2022
 Supervised By :Mahesh Dadoda 01/28/2022



#86
 p-Isopropyltoluene
 Concen: 54.320 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. 0.006 min
 Lab File: VD071792.D
 Acq: 27 Jan 2022 10:07

Tgt Ion:119 Resp: 1162909
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.9 38.6
 91 24.7 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 50.613 ug/l

RT: 13.508 min Scan# 1970

Delta R.T. 0.000 min

Lab File: VD071792.D

Acq: 27 Jan 2022 10:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 559984

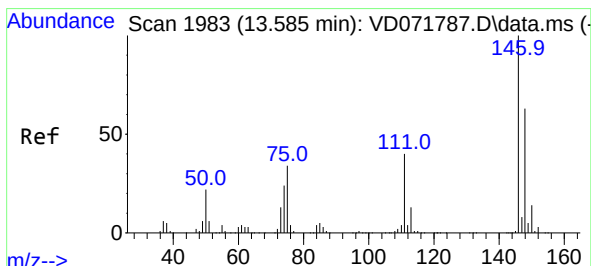
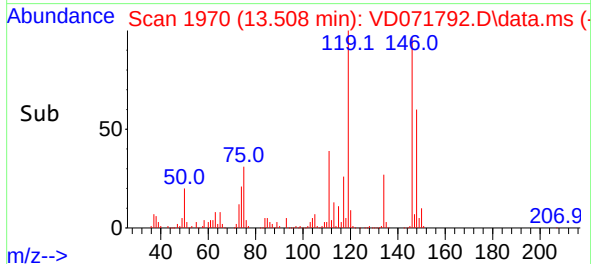
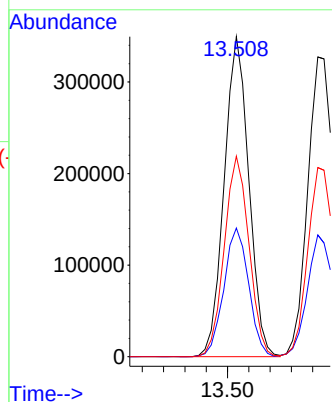
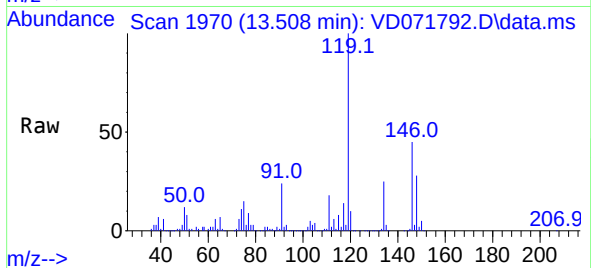
Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.4	61.3
148	62.9	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/28/2022

Supervised By :Mahesh Dadoda 01/28/2022



#88

1,4-Dichlorobenzene

Concen: 49.814 ug/l

RT: 13.585 min Scan# 1983

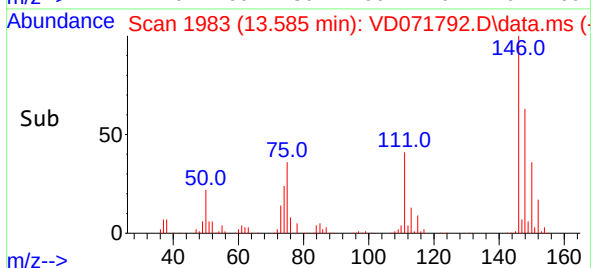
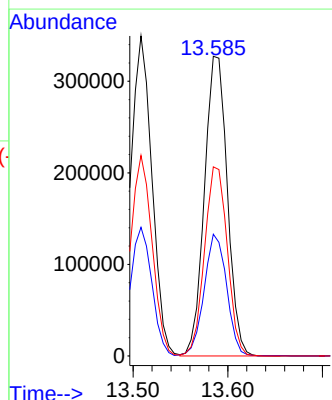
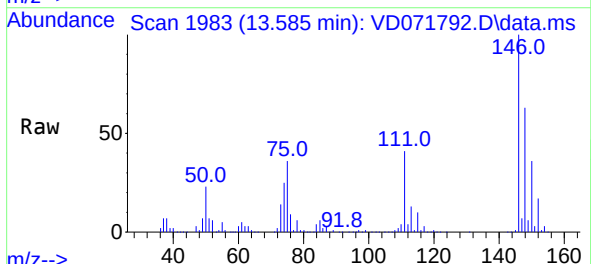
Delta R.T. 0.000 min

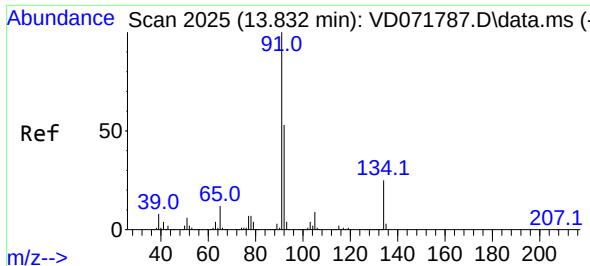
Lab File: VD071792.D

Acq: 27 Jan 2022 10:07

Tgt Ion:146 Resp: 550053

Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.3	60.9
148	62.9	31.7	95.1





#89
n-Butylbenzene
Concen: 53.617 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. 0.000 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07

Instrument :

MSVOA_D

ClientSampleId :

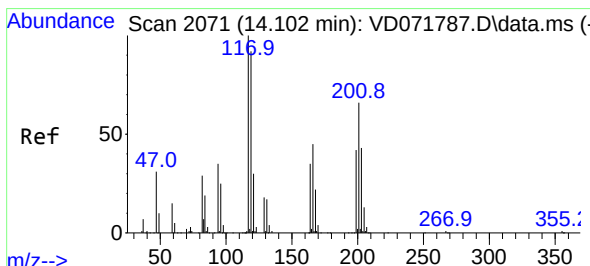
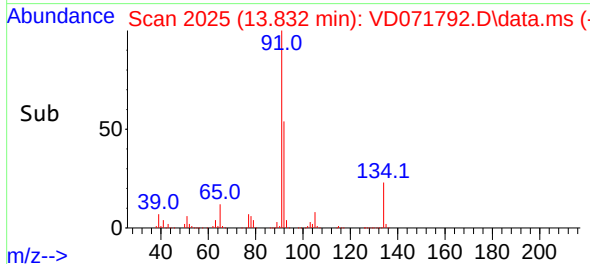
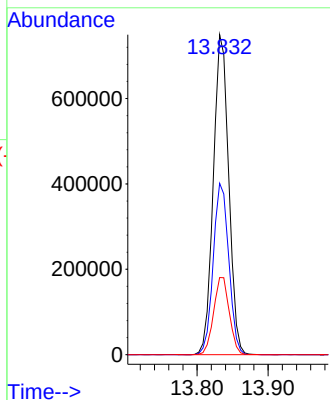
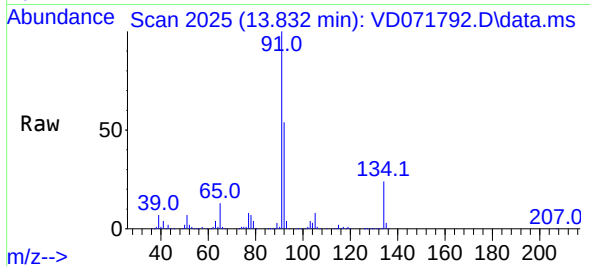
VSTDCCC050

Tgt Ion: 91 Resp: 1126180
Ion Ratio Lower Upper
91 100
92 54.0 26.6 79.8
134 24.6 12.3 36.9

Manual Integrations

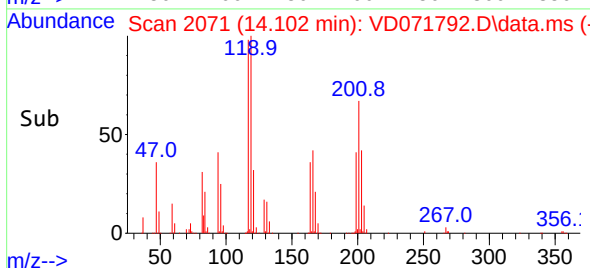
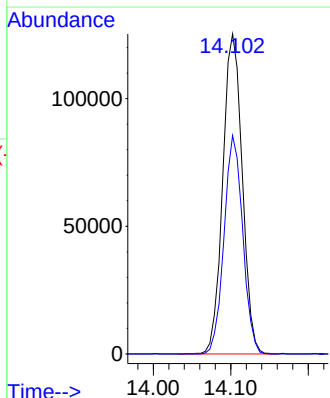
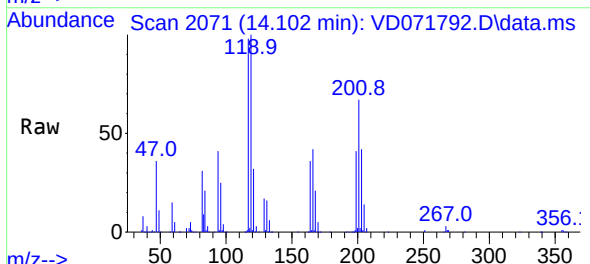
APPROVED

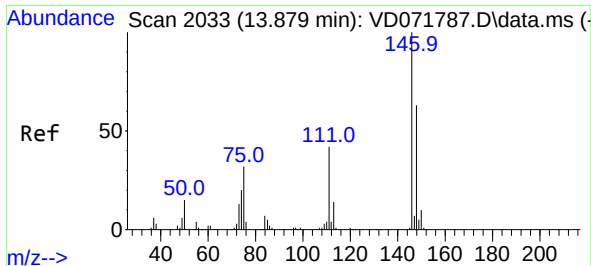
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#90
Hexachloroethane
Concen: 51.506 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. 0.000 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07

Tgt Ion:117 Resp: 219183
Ion Ratio Lower Upper
117 100
201 65.4 33.4 100.2





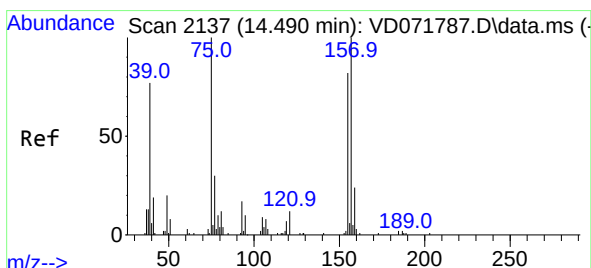
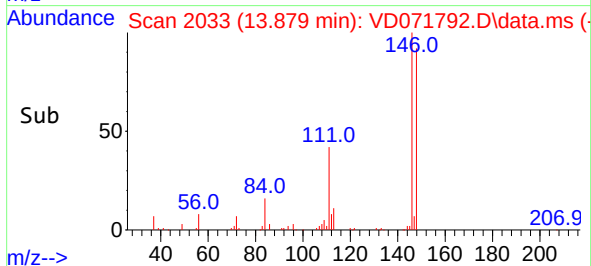
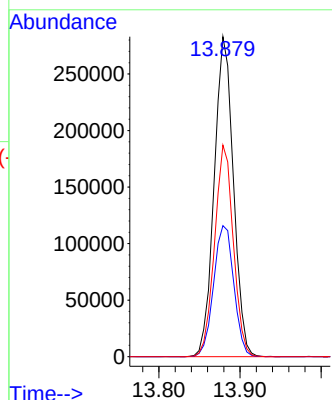
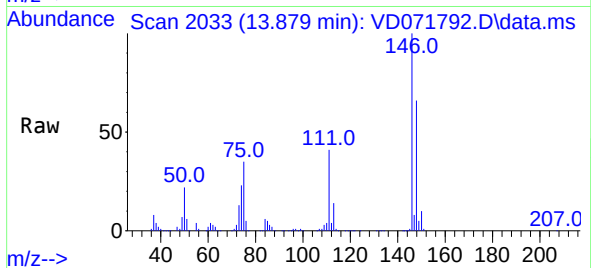
#91
1,2-Dichlorobenzene
Concen: 49.191 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. 0.000 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 46575
Ion Ratio Lower Upper
146 100
111 43.0 21.1 63.3
148 64.5 31.7 95.1

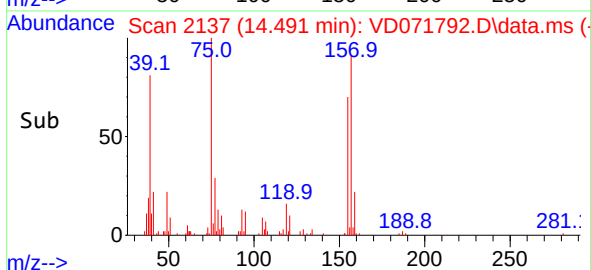
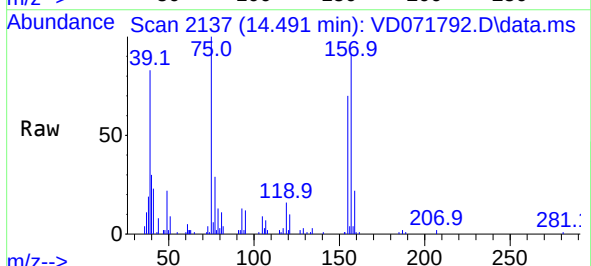
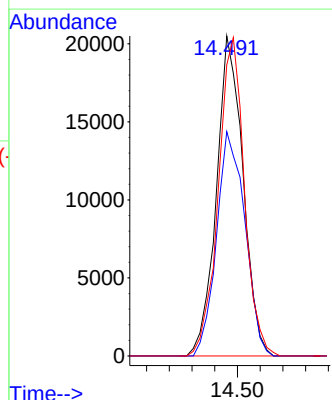
Manual Integrations
APPROVED

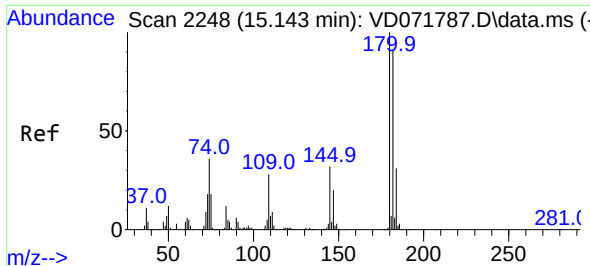
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.365 ug/l
RT: 14.491 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07

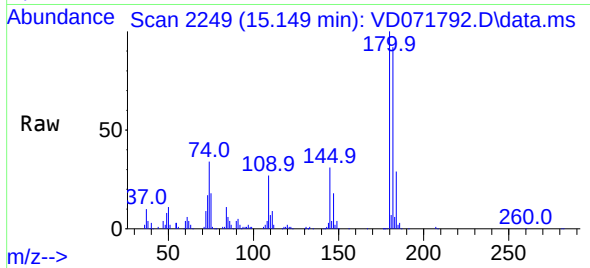
Tgt Ion: 75 Resp: 33304
Ion Ratio Lower Upper
75 100
155 74.7 36.8 110.3
157 97.3 48.4 145.0





#93
1,2,4-Trichlorobenzene
Concen: 52.069 ug/l
RT: 15.149 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07

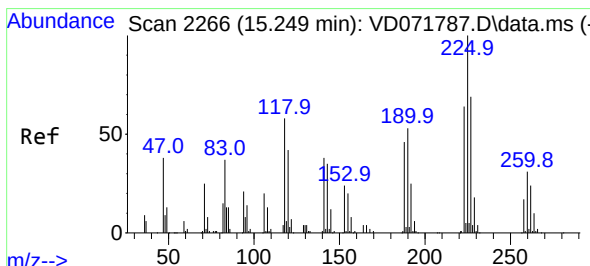
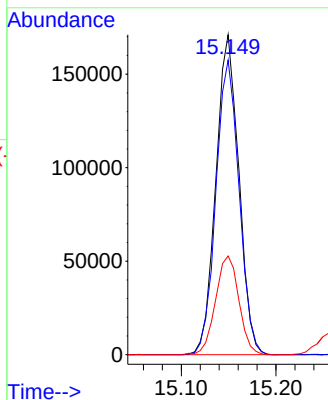
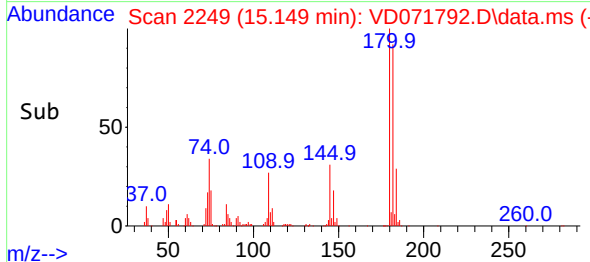
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



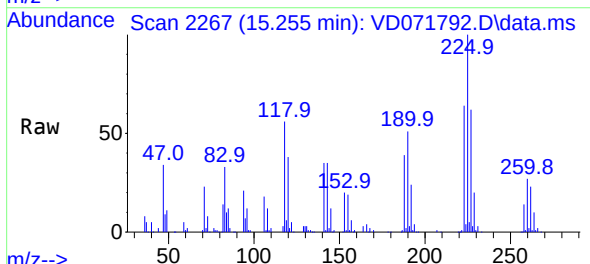
Tgt Ion:180 Resp: 288000
Ion Ratio Lower Upper
180 100
182 93.1 47.3 142.0
145 31.4 16.2 48.5

Manual Integrations
APPROVED

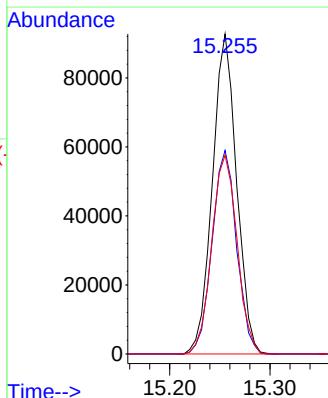
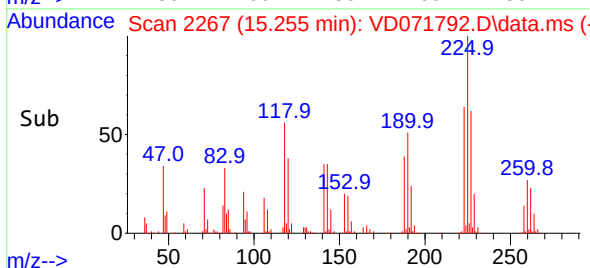
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

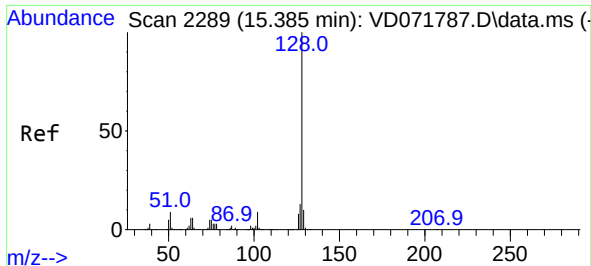


#94
Hexachlorobutadiene
Concen: 51.559 ug/l
RT: 15.255 min Scan# 2267
Delta R.T. 0.006 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07



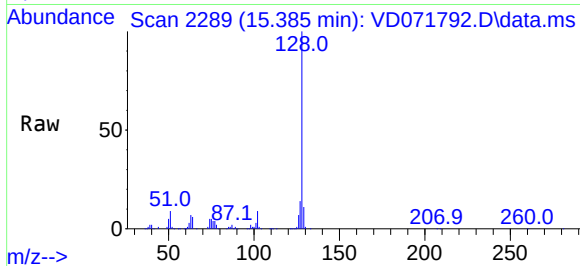
Tgt Ion:225 Resp: 155500
Ion Ratio Lower Upper
225 100
223 64.4 31.1 93.2
227 65.1 32.4 97.0





#95
Naphthalene
Concen: 46.453 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. 0.000 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07

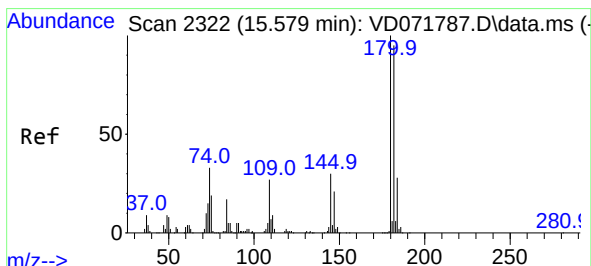
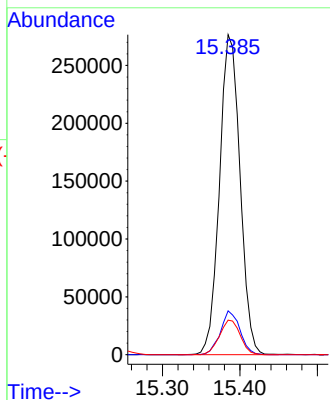
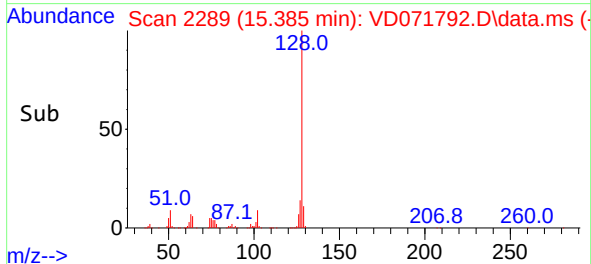
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



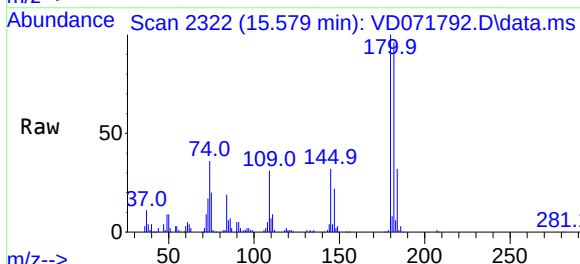
Tgt Ion:128 Resp: 509269
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.9 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#96
1,2,3-Trichlorobenzene
Concen: 50.168 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VD071792.D
Acq: 27 Jan 2022 10:07



Tgt Ion:180 Resp: 237843
Ion Ratio Lower Upper
180 100
182 96.1 47.6 142.9
145 33.1 17.1 51.3

