

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012722\
 Data File : VD071813.D
 Acq On : 27 Jan 2022 20:33
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Jan 28 07:23:45 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	374477	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	656508	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	622790	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	300942	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	252263	53.297	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.600%			
35) Dibromofluoromethane	7.914	113	221039	51.221	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.440%			
50) Toluene-d8	10.338	98	842746	52.290	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.580%			
62) 4-Bromofluorobenzene	12.626	95	289472	51.433	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.860%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	183458	41.313	ug/l	97
3) Chloromethane	2.209	50	273979	51.532	ug/l	94
4) Vinyl Chloride	2.350	62	264894	47.590	ug/l	98
5) Bromomethane	2.773	94	177404	48.305	ug/l	97
6) Chloroethane	2.926	64	182031	51.604	ug/l	96
7) Trichlorofluoromethane	3.273	101	363301	45.544	ug/l	94
8) Diethyl Ether	3.714	74	114530	54.414	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.097	101	212359	47.187	ug/l	99
10) Methyl Iodide	4.303	142	230709	50.006	ug/l	98
11) Tert butyl alcohol	5.226	59	65820	230.126	ug/l	100
12) 1,1-Dichloroethene	4.067	96	205990	50.069	ug/l	98
13) Acrolein	3.920	56	81236	193.234	ug/l	97
14) Allyl chloride	4.720	41	413698	52.753	ug/l	100
15) Acrylonitrile	5.420	53	278652	260.485	ug/l	99
16) Acetone	4.156	43	271268	209.365	ug/l	96
17) Carbon Disulfide	4.414	76	707047	49.287	ug/l	98
18) Methyl Acetate	4.720	43	125888	44.939	ug/l	98
19) Methyl tert-butyl Ether	5.479	73	538732	54.737	ug/l	97
20) Methylene Chloride	4.961	84	265133	56.553	ug/l	98
21) trans-1,2-Dichloroethene	5.473	96	253260	52.878	ug/l	98
22) Diisopropyl ether	6.361	45	906470	58.976	ug/l	97
23) Vinyl Acetate	6.308	43	2386814	281.493	ug/l	99
24) 1,1-Dichloroethane	6.267	63	497886	55.575	ug/l	97
25) 2-Butanone	7.208	43	374801	248.137	ug/l	100
26) 2,2-Dichloropropane	7.208	77	367277	49.541	ug/l	100
27) cis-1,2-Dichloroethene	7.208	96	288564	56.096	ug/l	100
28) Bromochloromethane	7.550	49	175174	51.841	ug/l	100
29) Tetrahydrofuran	7.561	42	237132	265.331	ug/l	99
30) Chloroform	7.708	83	505234	55.201	ug/l	95
31) Cyclohexane	7.985	56	406684	45.006	ug/l	95
32) 1,1,1-Trichloroethane	7.902	97	413986	51.281	ug/l	98
36) 1,1-Dichloropropene	8.114	75	365133	49.297	ug/l	99
37) Ethyl Acetate	7.291	43	168985	49.072	ug/l	97
38) Carbon Tetrachloride	8.097	117	351183	47.945	ug/l	98
39) Methylcyclohexane	9.355	83	408984	47.655	ug/l	98
40) Benzene	8.350	78	1057022	52.868	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	107240	55.047	ug/l	97
42) 1,2-Dichloroethane	8.420	62	333122	52.765	ug/l	99
43) Isopropyl Acetate	8.450	43	320398	51.767	ug/l	99
44) Trichloroethene	9.108	130	263060	50.958	ug/l	98
45) 1,2-Dichloropropane	9.385	63	276743	53.681	ug/l	96
46) Dibromomethane	9.473	93	143132	53.025	ug/l	99
47) Bromodichloromethane	9.655	83	389354	54.540	ug/l	96
48) Methyl methacrylate	9.449	41	169021	51.601	ug/l	96
49) 1,4-Dioxane	9.455	88	30689	996.067	ug/l	97
51) 4-Methyl-2-Pentanone	10.226	43	829313	256.050	ug/l	100
52) Toluene	10.396	92	673006	54.132	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	343438	52.379	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	404368	52.613	ug/l	99
55) 1,1,2-Trichloroethane	10.796	97	186769	52.134	ug/l	97
56) Ethyl methacrylate	10.655	69	235988	53.204	ug/l	99
57) 1,3-Dichloropropane	10.938	76	339110	53.022	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	477946	228.896	ug/l	100
59) 2-Hexanone	10.979	43	571545	243.128	ug/l	99
60) Dibromochloromethane	11.132	129	235570	53.249	ug/l	99
61) 1,2-Dibromoethane	11.238	107	176106	51.021	ug/l	96
64) Tetrachloroethene	10.873	164	219842	49.904	ug/l	94
65) Chlorobenzene	11.661	112	687646	52.191	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	255794	53.366	ug/l	98
67) Ethyl Benzene	11.738	91	1276489	52.652	ug/l	99
68) m/p-Xylenes	11.843	106	981873	106.478	ug/l	100
69) o-Xylene	12.173	106	464435	55.421	ug/l	97
70) Styrene	12.185	104	800062	55.389	ug/l	99
71) Bromoform	12.355	173	128887	50.362	ug/l #	99
73) Isopropylbenzene	12.473	105	1183890	50.803	ug/l	100
74) N-amyl acetate	12.279	43	294953	51.468	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	209073	48.482	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	168398m	53.096	ug/l	
77) Bromobenzene	12.755	156	269742	52.036	ug/l	96
78) n-propylbenzene	12.808	91	1490433	51.007	ug/l	100
79) 2-Chlorotoluene	12.896	91	870841	52.591	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	1020987	52.822	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	60147	46.629	ug/l	100
82) 4-Chlorotoluene	12.996	91	903202	52.428	ug/l	99
83) tert-Butylbenzene	13.214	119	836205	52.201	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	1023354	53.823	ug/l	98
85) sec-Butylbenzene	13.390	105	1263997	50.429	ug/l	100
86) p-Isopropyltoluene	13.508	119	1057725	51.931	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	541189	51.414	ug/l	100
88) 1,4-Dichlorobenzene	13.585	146	537766	51.190	ug/l	100
89) n-Butylbenzene	13.832	91	1008713	50.478	ug/l	100
90) Hexachloroethane	14.102	117	207890	51.349	ug/l	100
91) 1,2-Dichlorobenzene	13.879	146	467584	51.908	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	34037	47.658	ug/l	99
93) 1,2,4-Trichlorobenzene	15.143	180	274399	52.145	ug/l	100
94) Hexachlorobutadiene	15.249	225	139219	48.520	ug/l	99
95) Naphthalene	15.384	128	506106	48.458	ug/l	98
96) 1,2,3-Trichlorobenzene	15.579	180	235821	52.283	ug/l	99

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

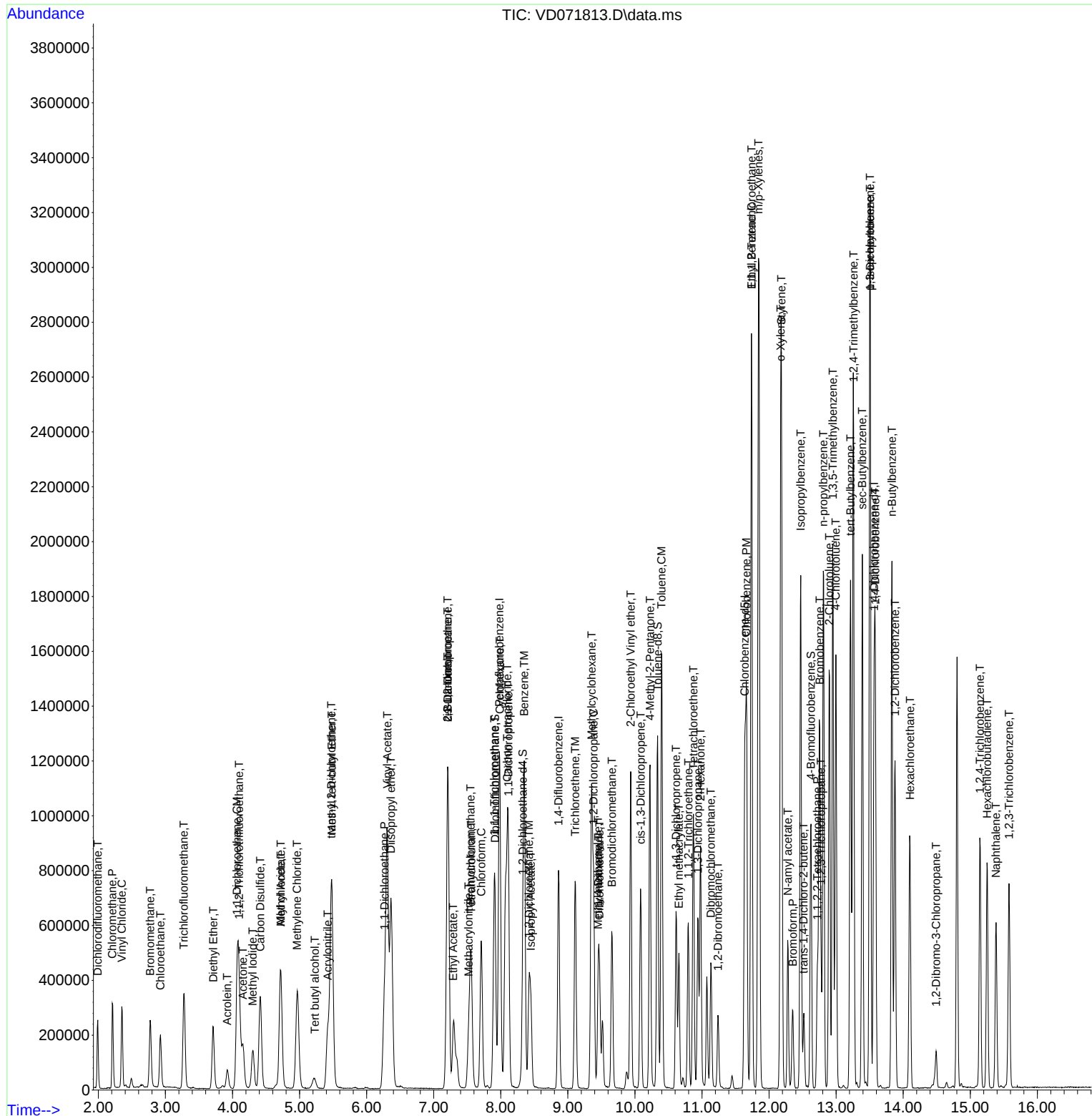
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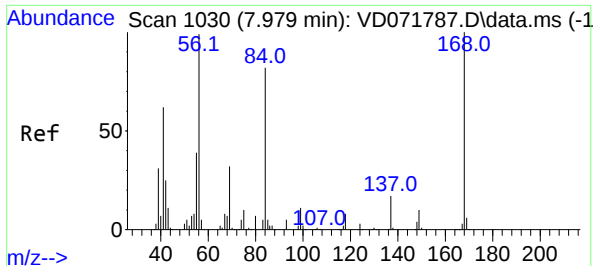
Instrument :
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33

Instrument :

MSVOA_D

ClientSampleId :

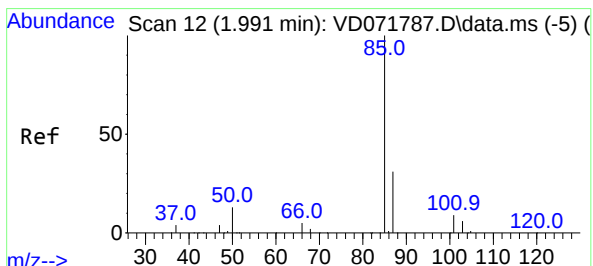
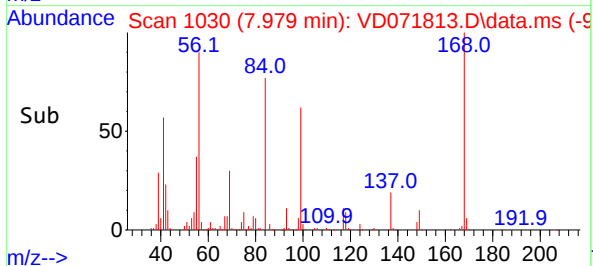
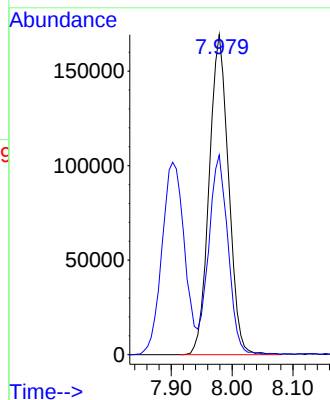
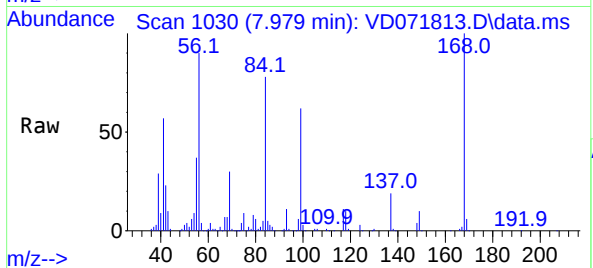
VSTDCCC050EC

Tgt Ion:168 Resp: 37447
Ion Ratio Lower Upper
168 100
99 62.2 49.8 74.6

Manual Integrations

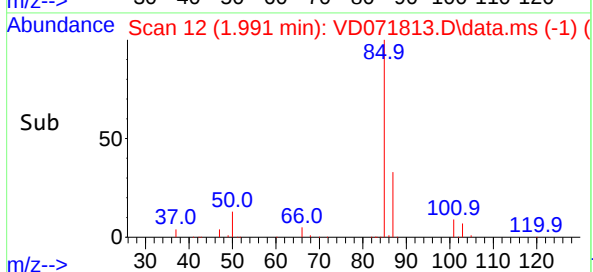
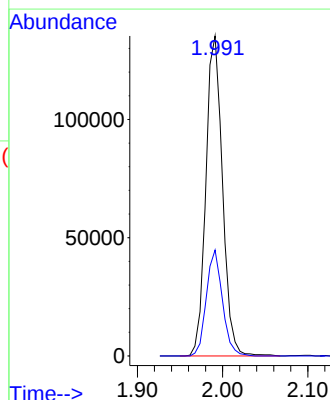
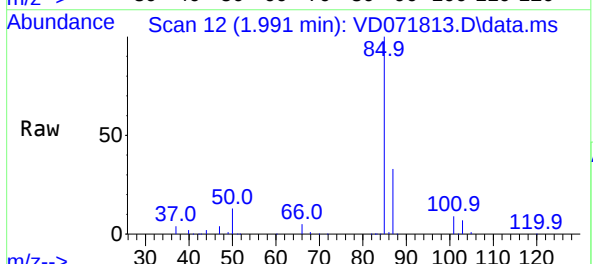
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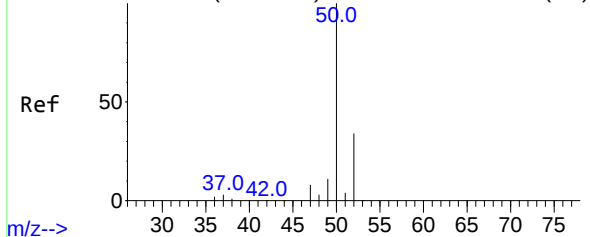


#2
Dichlorodifluoromethane
Concen: 41.313 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33

Tgt Ion: 85 Resp: 183458
Ion Ratio Lower Upper
85 100
87 33.1 15.7 47.0



Abundance Scan 50 (2.215 min): VD071787.D\data.ms (-42)



#3

Chloromethane

Concen: 51.532 ug/l

RT: 2.209 min Scan# 49

Delta R.T. -0.006 min

Lab File: VD071813.D

Acq: 27 Jan 2022 20:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 273979

Ion Ratio Lower Upper

50 100

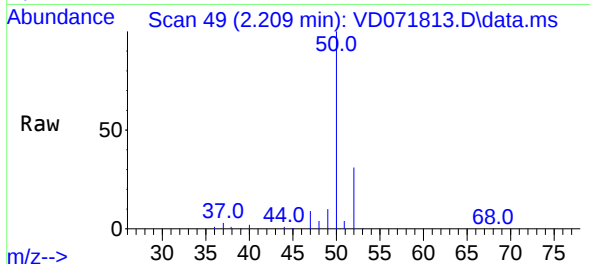
52 30.8 27.4 41.0

Manual Integrations

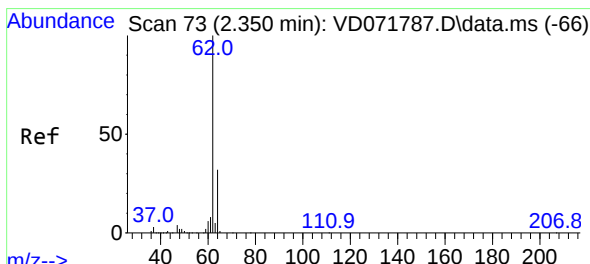
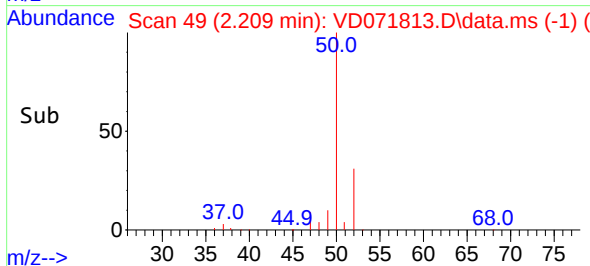
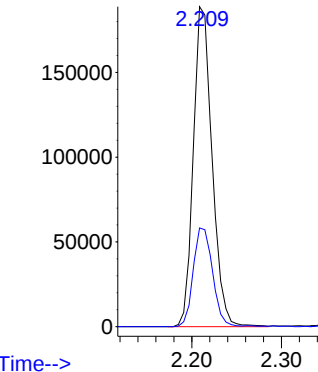
APPROVED

Reviewed By :John Carlone 01/28/2022

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Abundance



#4

Vinyl Chloride

Concen: 47.590 ug/l

RT: 2.350 min Scan# 73

Delta R.T. -0.000 min

Lab File: VD071813.D

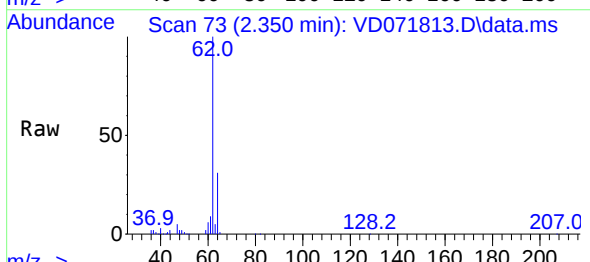
Acq: 27 Jan 2022 20:33

Tgt Ion: 62 Resp: 264894

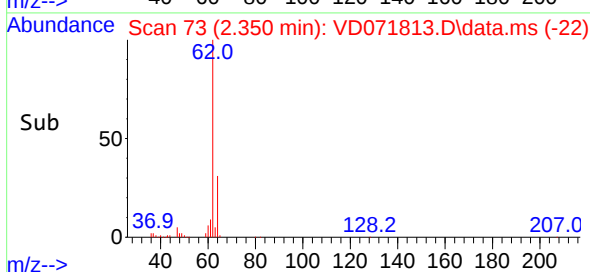
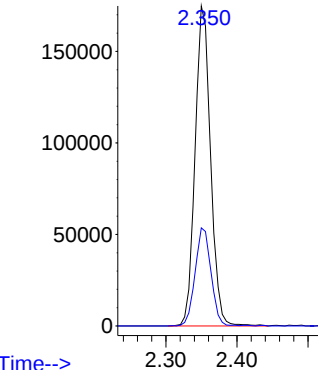
Ion Ratio Lower Upper

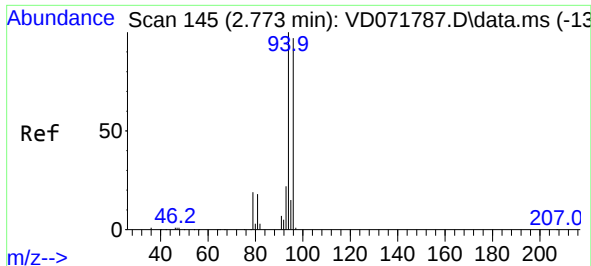
62 100

64 30.7 25.4 38.0



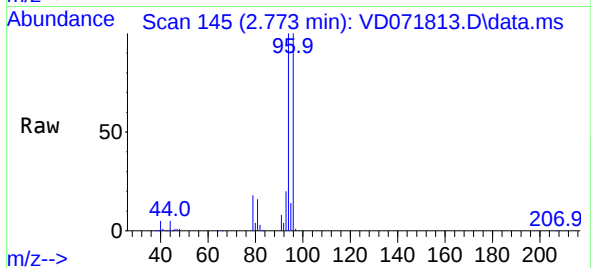
Abundance





#5
Bromomethane
Concen: 48.305 ug/l
RT: 2.773 min Scan# 145
Delta R.T. -0.000 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33

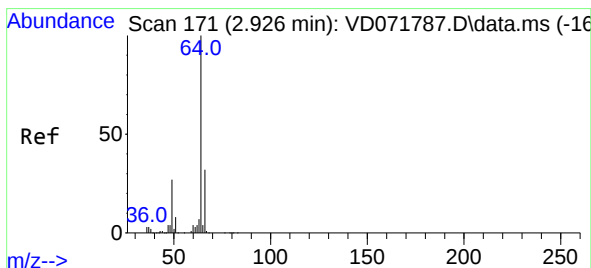
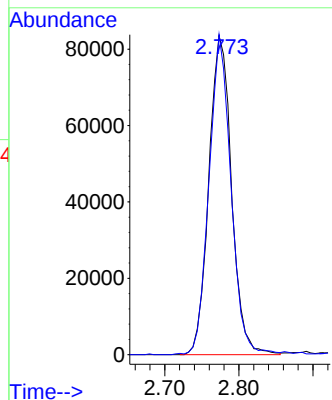
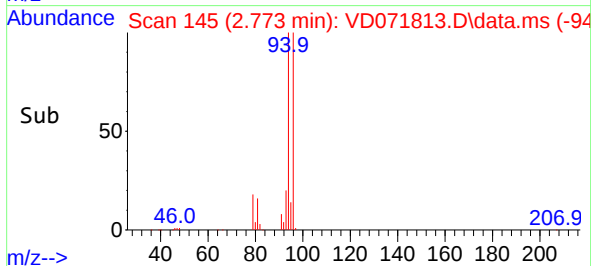
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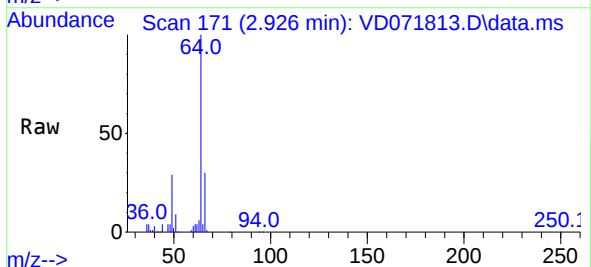
Tgt Ion: 94 Resp: 177404
Ion Ratio Lower Upper
94 100
96 100.0 77.6 116.4

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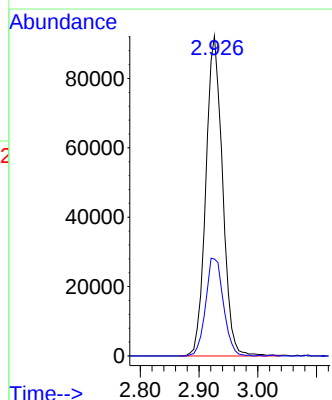
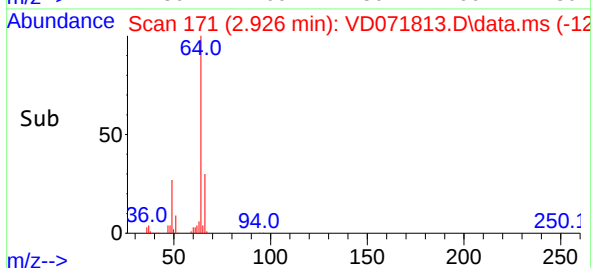
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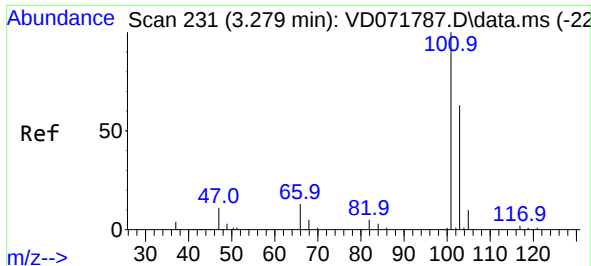


#6
Chloroethane
Concen: 51.604 ug/l
RT: 2.926 min Scan# 171
Delta R.T. -0.000 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33



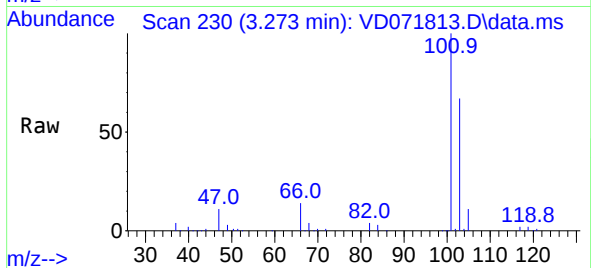
Tgt Ion: 64 Resp: 182031
Ion Ratio Lower Upper
64 100
66 30.3 25.9 38.9





#7
Trichlorofluoromethane
Concen: 45.544 ug/l
RT: 3.273 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33

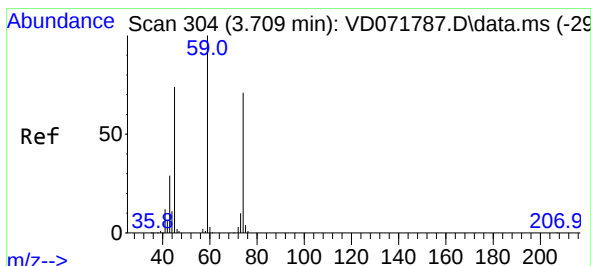
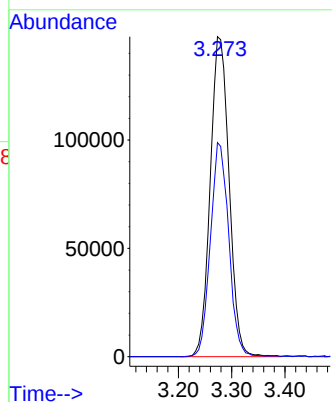
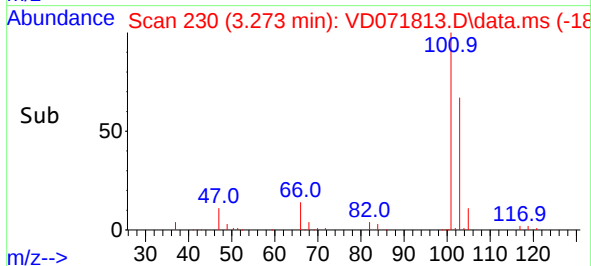
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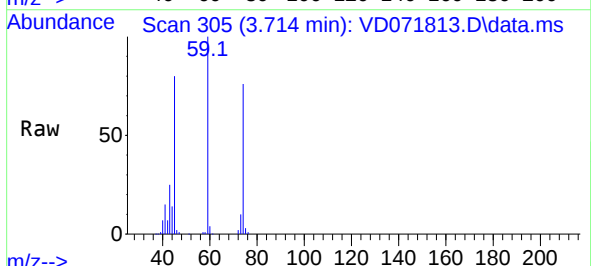
Tgt Ion:101 Resp: 36330
Ion Ratio Lower Upper
101 100
103 66.9 50.1 75.1

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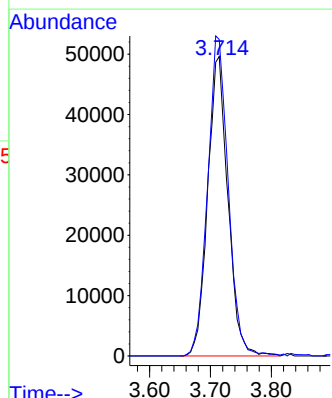
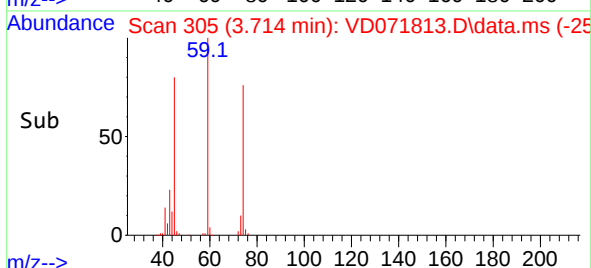
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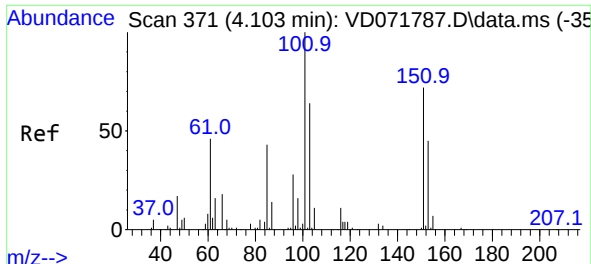


#8
Diethyl Ether
Concen: 54.414 ug/l
RT: 3.714 min Scan# 305
Delta R.T. 0.006 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33



Tgt Ion: 74 Resp: 114530
Ion Ratio Lower Upper
74 100
45 108.5 52.6 157.8





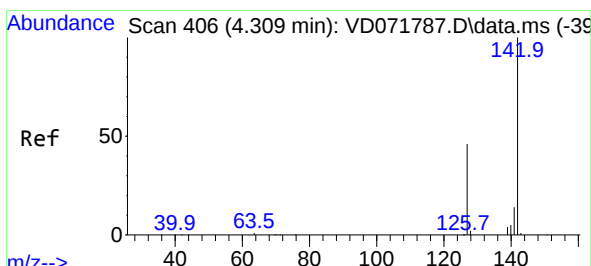
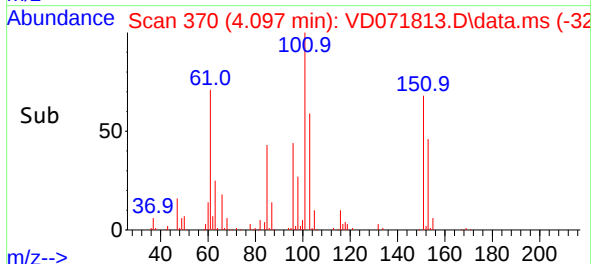
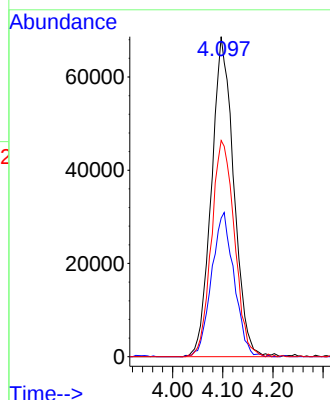
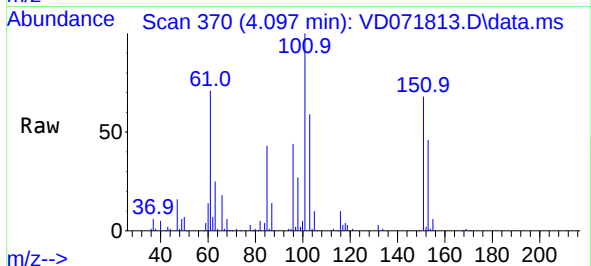
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.187 ug/l
RT: 4.097 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 21235
Ion Ratio Lower Upper
101 100
85 45.6 36.4 54.6
151 69.7 57.3 85.9

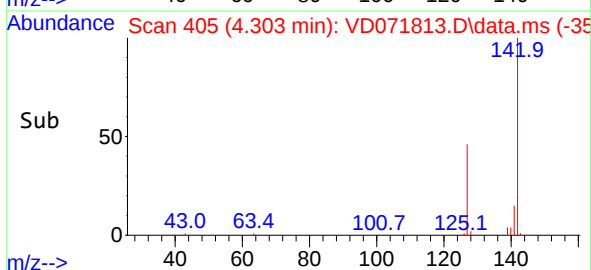
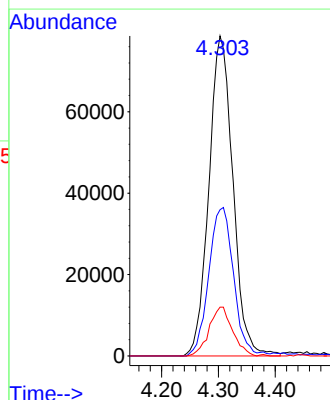
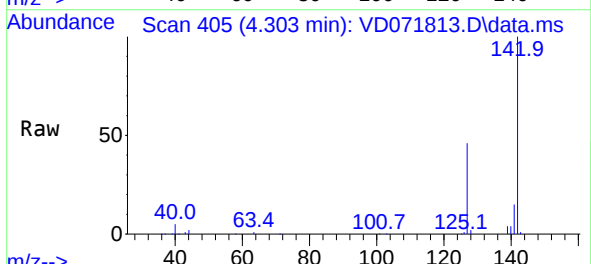
Manual Integrations
APPROVED

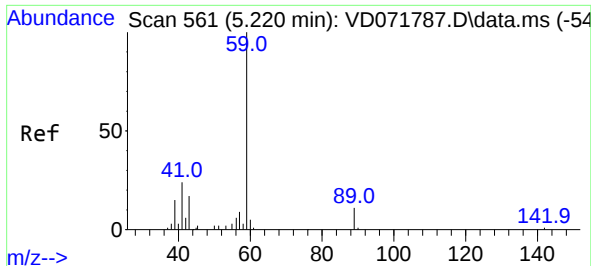
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#10
Methyl Iodide
Concen: 50.006 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.006 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33

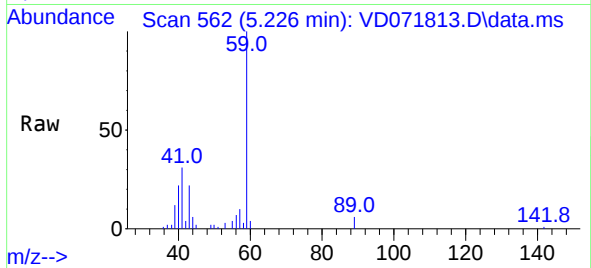
Tgt Ion:142 Resp: 230709
Ion Ratio Lower Upper
142 100
127 47.9 37.3 55.9
141 14.9 11.7 17.5





#11
Tert butyl alcohol
Concen: 230.126 ug/l
RT: 5.226 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33

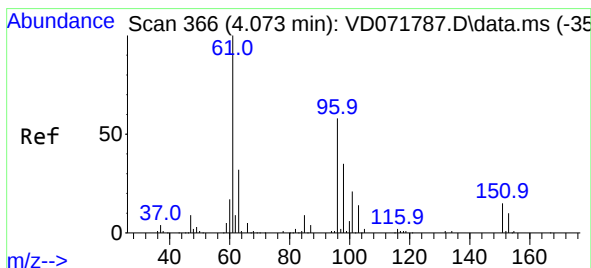
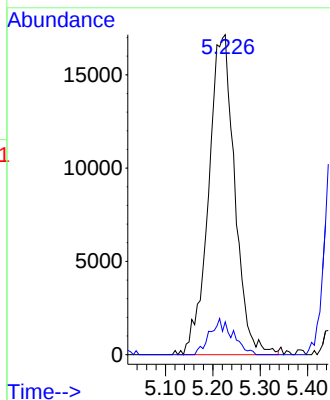
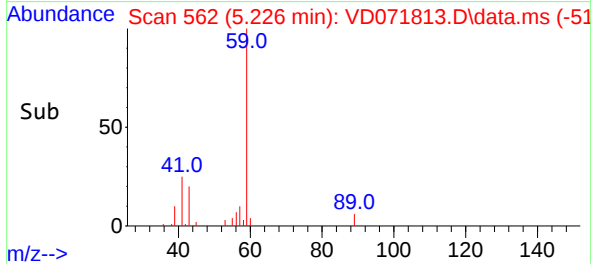
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



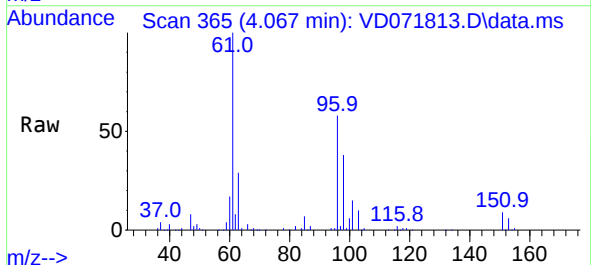
Tgt Ion: 59 Resp: 65820
Ion Ratio Lower Upper
59 100
57 9.8 7.8 11.6

Manual Integrations
APPROVED

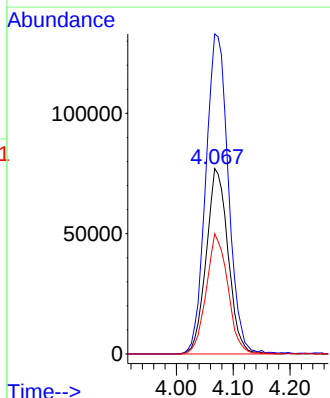
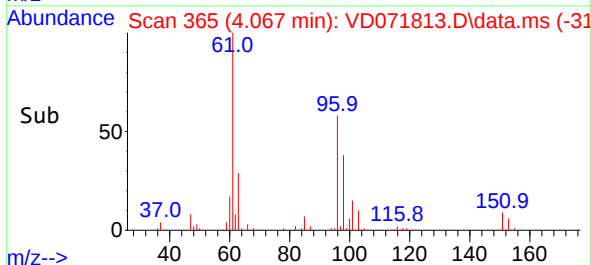
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

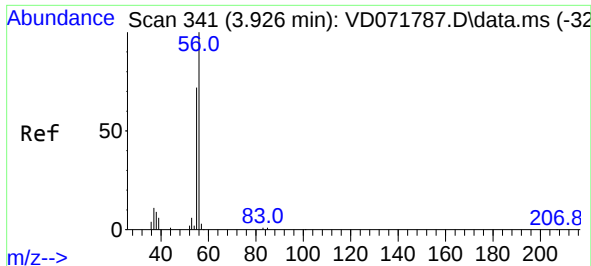


#12
1,1-Dichloroethene
Concen: 50.069 ug/l
RT: 4.067 min Scan# 365
Delta R.T. -0.006 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33



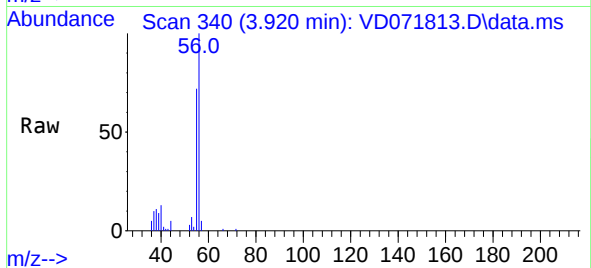
Tgt Ion: 96 Resp: 205990
Ion Ratio Lower Upper
96 100
61 172.5 138.5 207.7
98 64.8 48.6 73.0





#13
Acrolein
Concen: 193.234 ug/l
RT: 3.920 min Scan# 341
Delta R.T. -0.006 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33

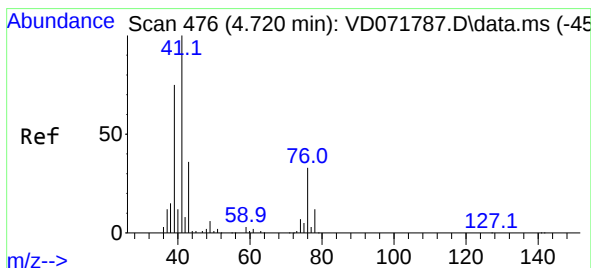
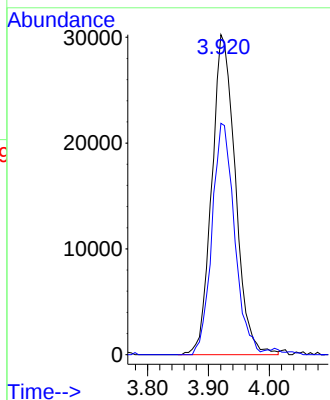
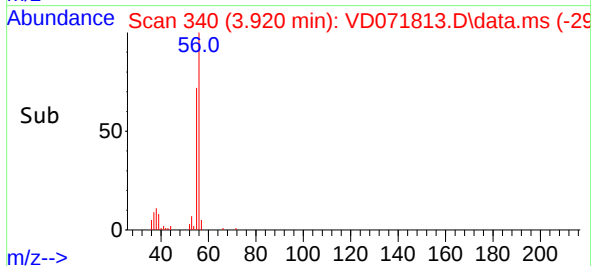
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



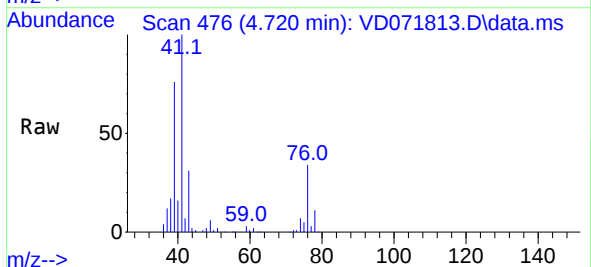
Tgt Ion: 56 Resp: 81230
Ion Ratio Lower Upper
56 100
55 69.1 57.1 85.7

Manual Integrations
APPROVED

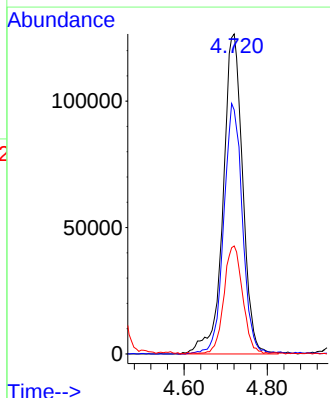
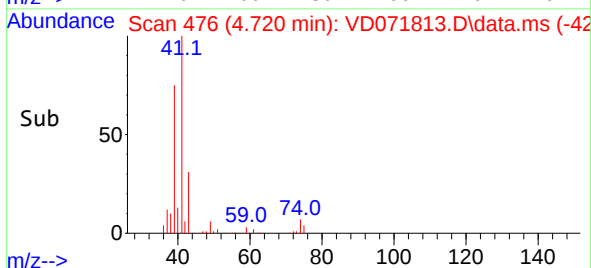
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

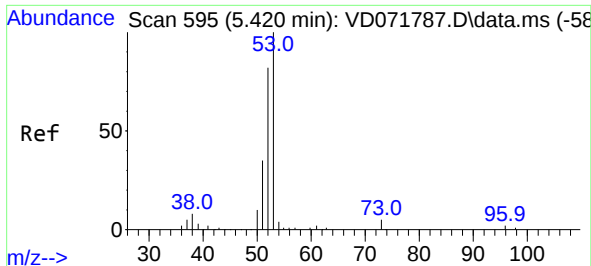


#14
Allyl chloride
Concen: 52.753 ug/l
RT: 4.720 min Scan# 476
Delta R.T. -0.000 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33



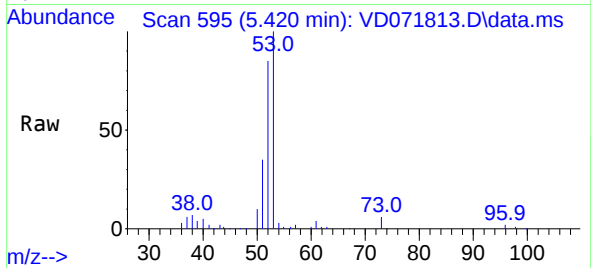
Tgt Ion: 41 Resp: 413698
Ion Ratio Lower Upper
41 100
39 74.4 59.3 88.9
76 31.9 25.7 38.5





#15
Acrylonitrile
Concen: 260.485 ug/l
RT: 5.420 min Scan# 595
Delta R.T. -0.000 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33

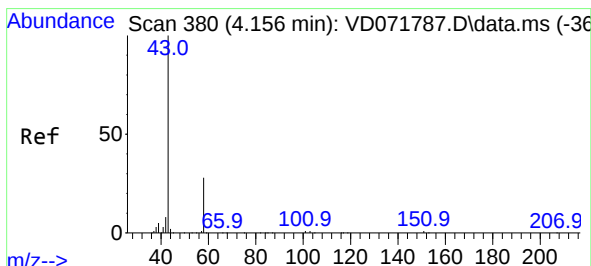
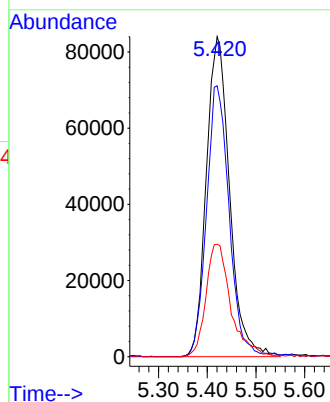
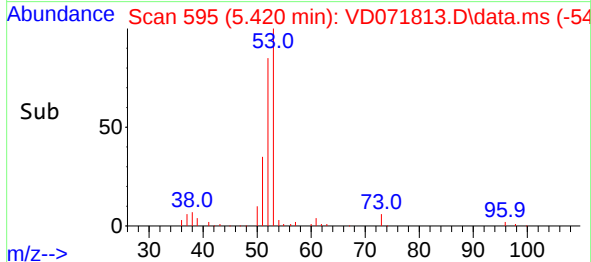
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



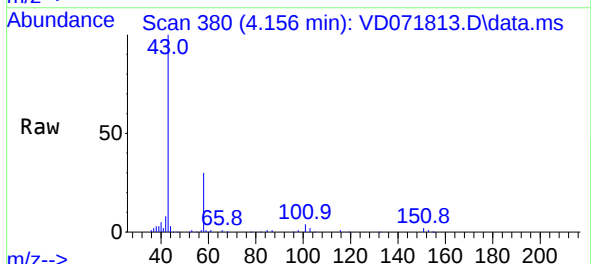
Tgt Ion: 53 Resp: 278652
Ion Ratio Lower Upper
53 100
52 82.5 67.2 100.8
51 37.6 30.3 45.5

Manual Integrations
APPROVED

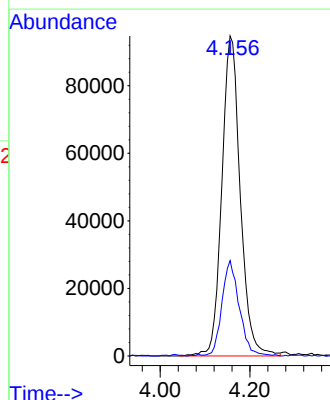
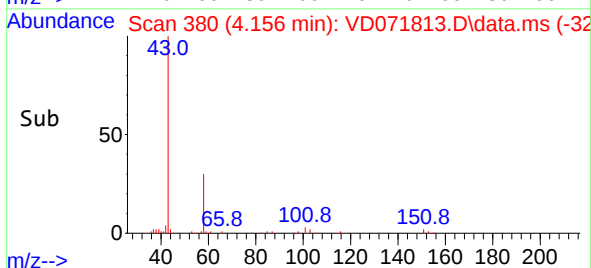
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

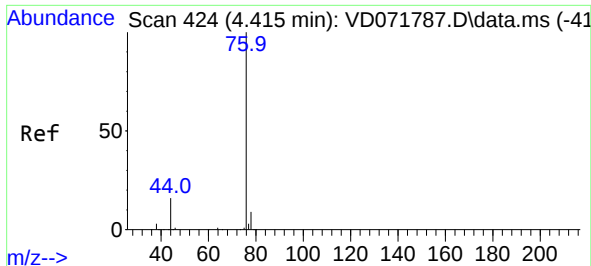


#16
Acetone
Concen: 209.365 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33



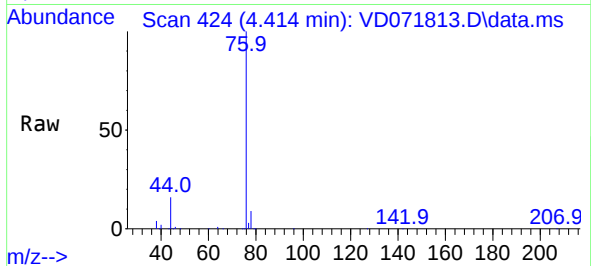
Tgt Ion: 43 Resp: 271268
Ion Ratio Lower Upper
43 100
58 29.8 22.1 33.1





#17
Carbon Disulfide
Concen: 49.287 ug/l
RT: 4.414 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33

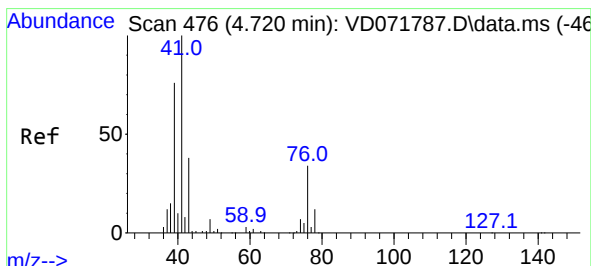
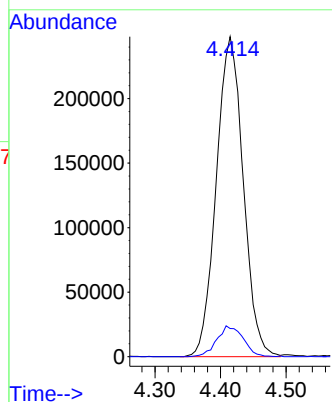
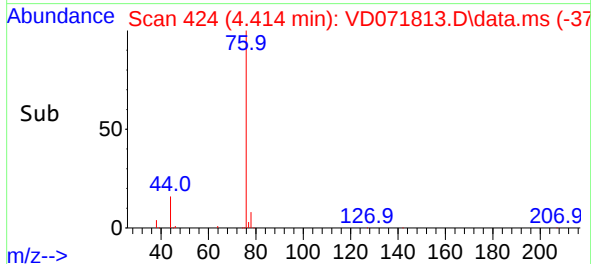
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



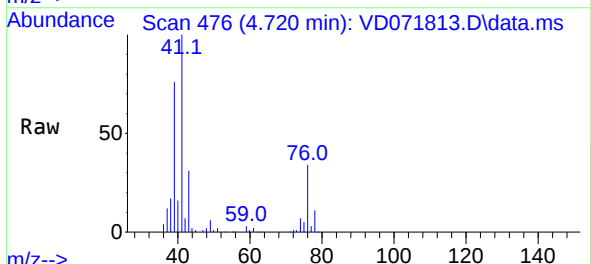
Tgt Ion: 76 Resp: 70704
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3

Manual Integrations
APPROVED

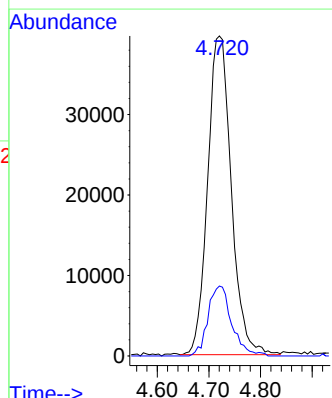
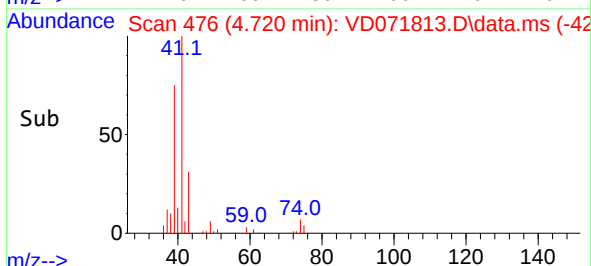
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

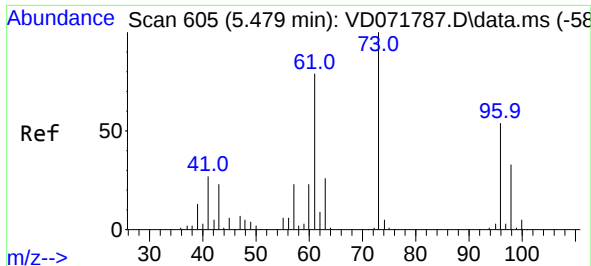


#18
Methyl Acetate
Concen: 44.939 ug/l
RT: 4.720 min Scan# 476
Delta R.T. -0.000 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33



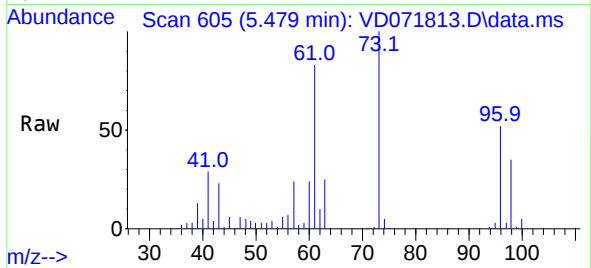
Tgt Ion: 43 Resp: 125888
Ion Ratio Lower Upper
43 100
74 22.0 16.7 25.1





#19
Methyl tert-butyl Ether
Concen: 54.737 ug/l
RT: 5.479 min Scan# 605
Delta R.T. -0.000 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33

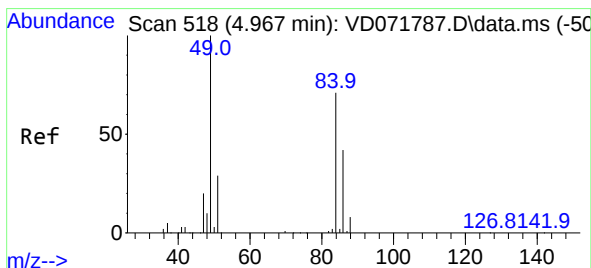
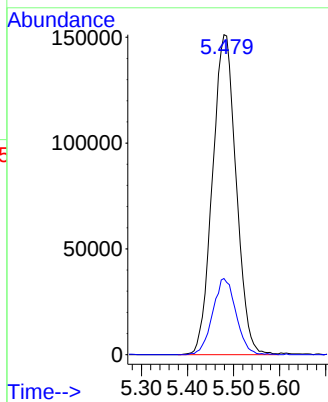
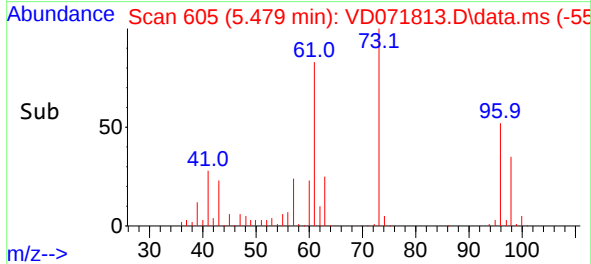
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



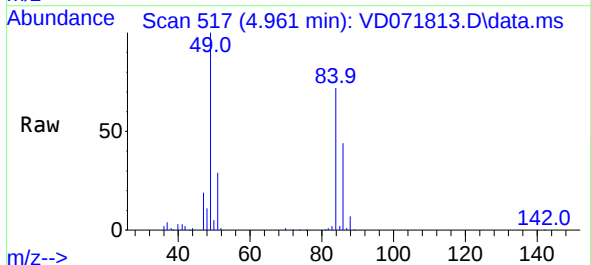
Tgt Ion: 73 Resp: 53873
Ion Ratio Lower Upper
73 100
57 23.8 18.0 27.0

Manual Integrations
APPROVED

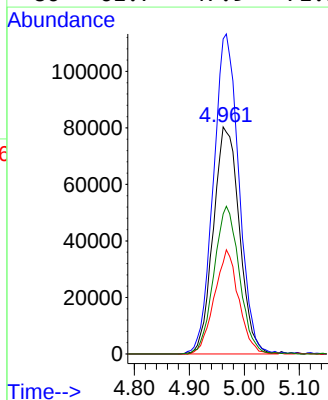
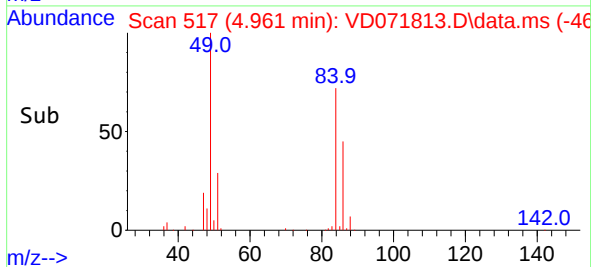
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

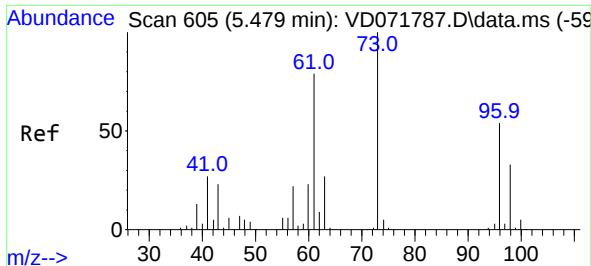


#20
Methylene Chloride
Concen: 56.553 ug/l
RT: 4.961 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33



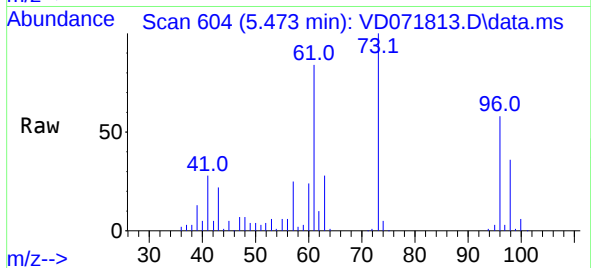
Tgt Ion: 84 Resp: 265133
Ion Ratio Lower Upper
84 100
49 138.8 112.8 169.2
51 40.3 32.6 48.8
86 61.7 47.9 71.9





#21
trans-1,2-Dichloroethene
Concen: 52.878 ug/l
RT: 5.473 min Scan# 605
Delta R.T. -0.006 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33

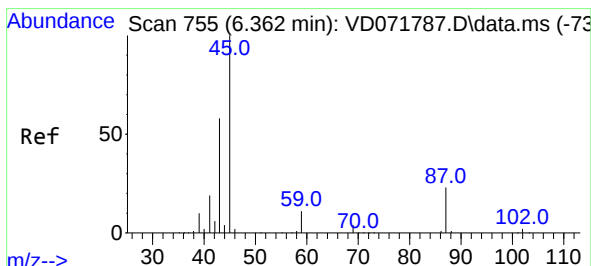
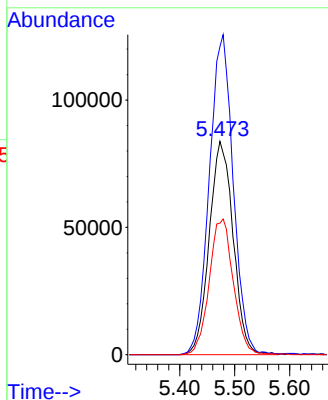
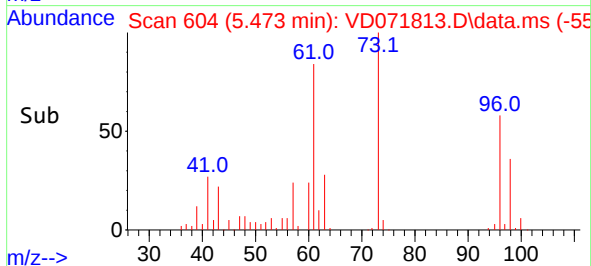
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



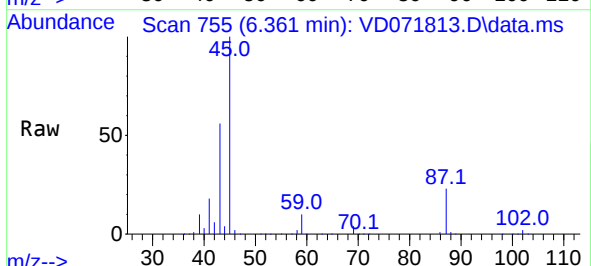
Tgt Ion: 96 Resp: 253260
Ion Ratio Lower Upper
96 100
61 144.4 117.9 176.9
98 61.6 49.4 74.2

Manual Integrations
APPROVED

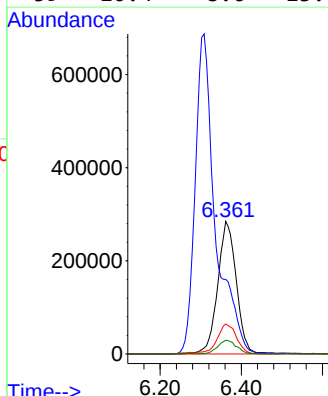
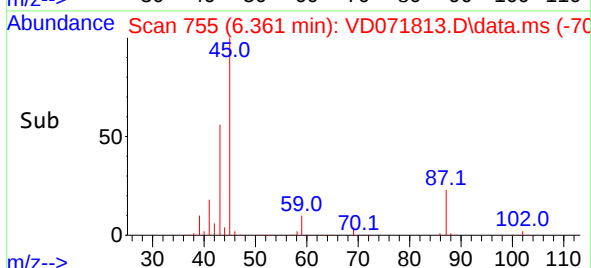
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

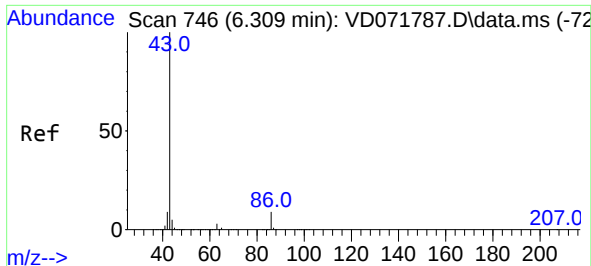


#22
Diisopropyl ether
Concen: 58.976 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.000 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33



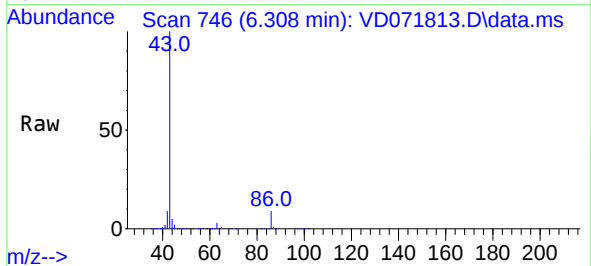
Tgt Ion: 45 Resp: 906470
Ion Ratio Lower Upper
45 100
43 55.8 46.6 70.0
87 22.4 18.4 27.6
59 10.4 8.6 13.0





#23
 Vinyl Acetate
 Concen: 281.493 ug/l
 RT: 6.308 min Scan# 746
 Delta R.T. -0.000 min
 Lab File: VD071813.D
 Acq: 27 Jan 2022 20:33

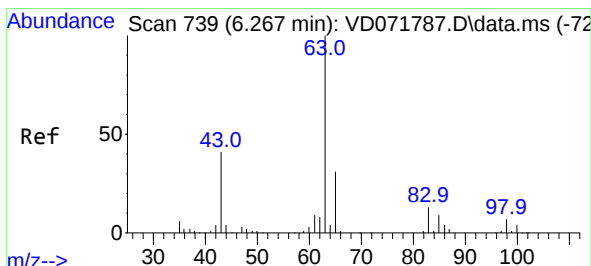
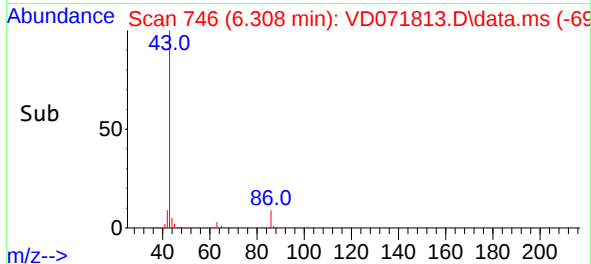
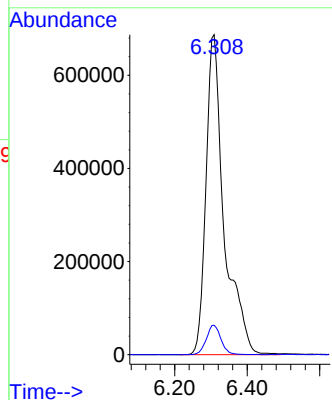
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 2386814
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.1 10.7

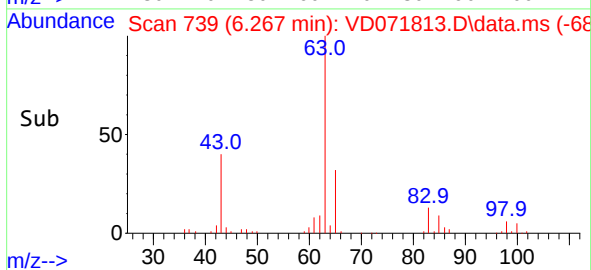
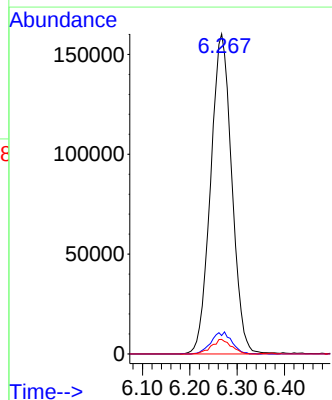
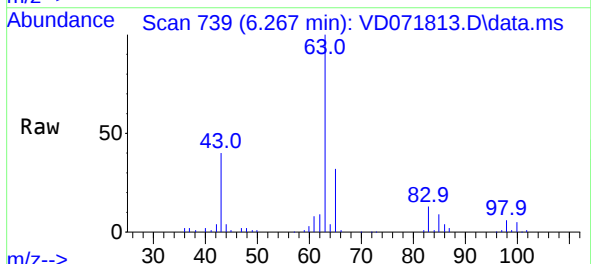
Manual Integrations
 APPROVED

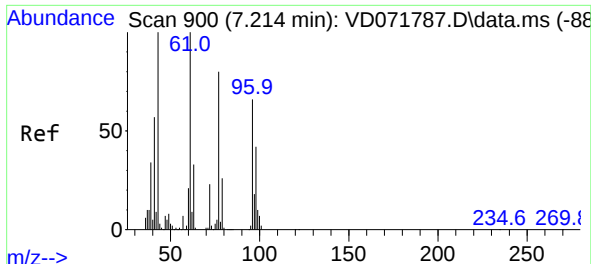
Reviewed By :John Carlone 01/28/2022
 Supervised By :Mahesh Dadoda 01/28/2022



#24
 1,1-Dichloroethane
 Concen: 55.575 ug/l
 RT: 6.267 min Scan# 739
 Delta R.T. -0.000 min
 Lab File: VD071813.D
 Acq: 27 Jan 2022 20:33

Tgt Ion: 63 Resp: 497886
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.6 10.9
 100 4.5 2.1 6.5





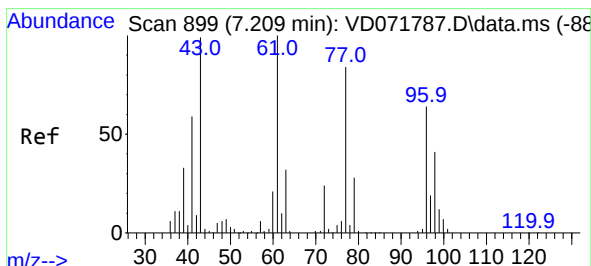
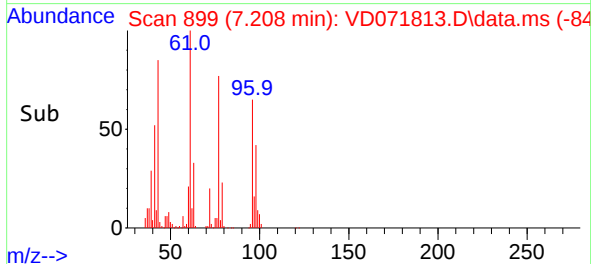
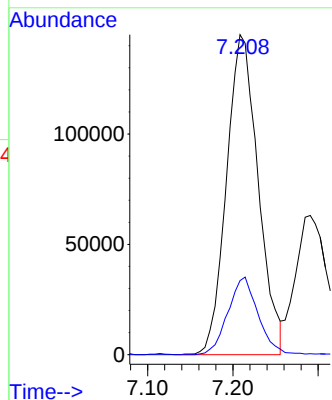
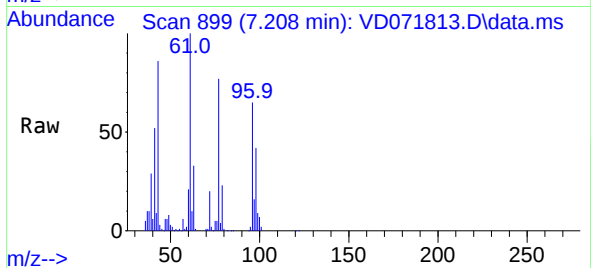
#25
2-Butanone
Concen: 248.137 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 37480
Ion Ratio Lower Upper
43 100
72 23.2 18.6 27.8

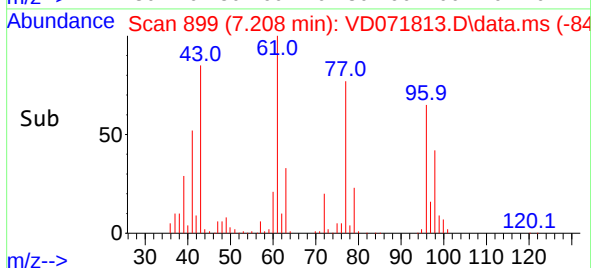
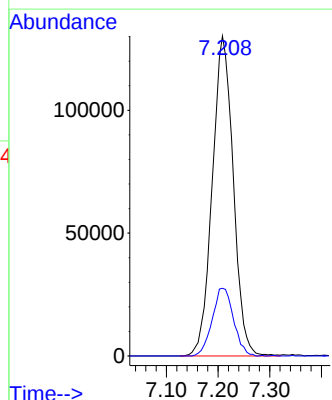
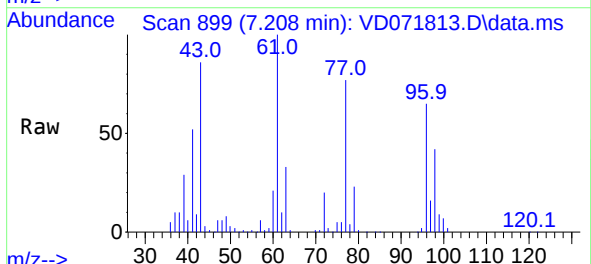
Manual Integrations
APPROVED

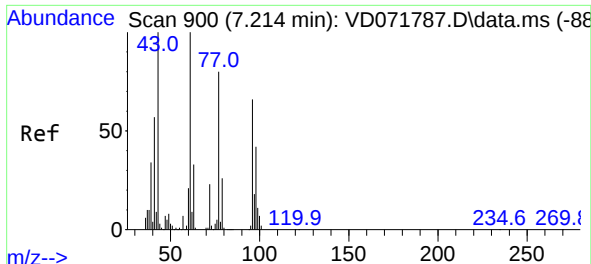
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#26
2,2-Dichloropropane
Concen: 49.541 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33

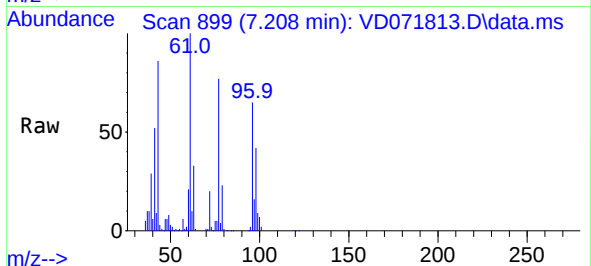
Tgt Ion: 77 Resp: 367277
Ion Ratio Lower Upper
77 100
97 21.5 10.8 32.4





#27
cis-1,2-Dichloroethene
Concen: 56.096 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33

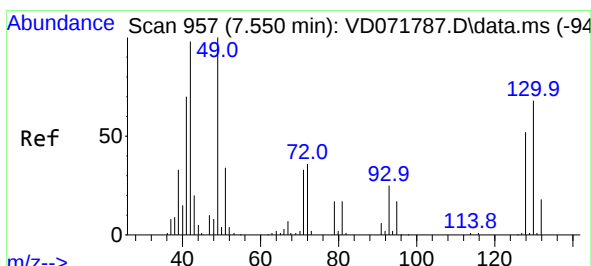
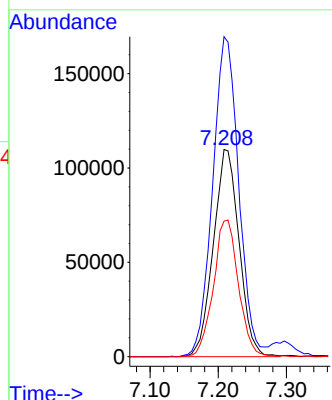
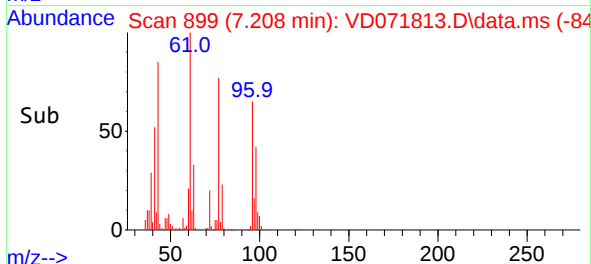
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 288564
Ion Ratio Lower Upper
96 100
61 156.8 0.0 313.8
98 64.3 0.0 128.8

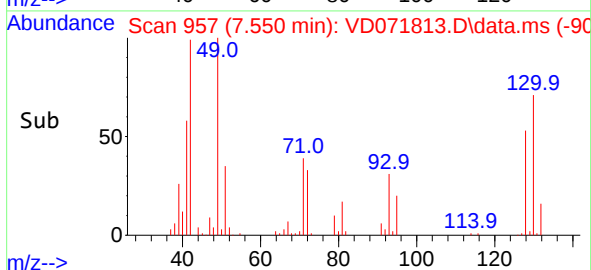
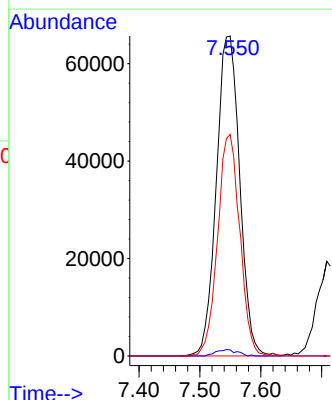
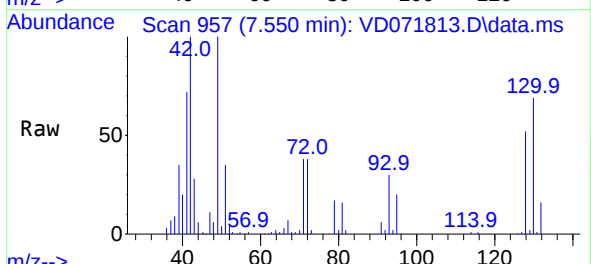
Manual Integrations
APPROVED

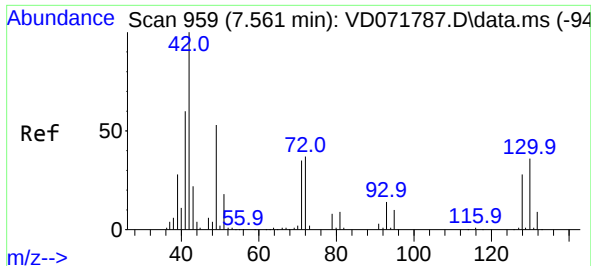
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#28
Bromochloromethane
Concen: 51.841 ug/l
RT: 7.550 min Scan# 957
Delta R.T. -0.000 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33

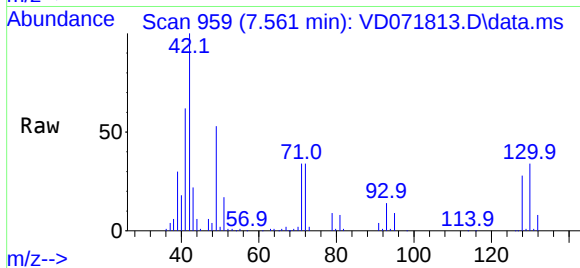
Tgt Ion: 49 Resp: 175174
Ion Ratio Lower Upper
49 100
129 1.8 0.0 4.0
130 65.5 52.6 79.0





#29
Tetrahydrofuran
Concen: 265.331 ug/l
RT: 7.561 min Scan# 959
Delta R.T. -0.000 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33

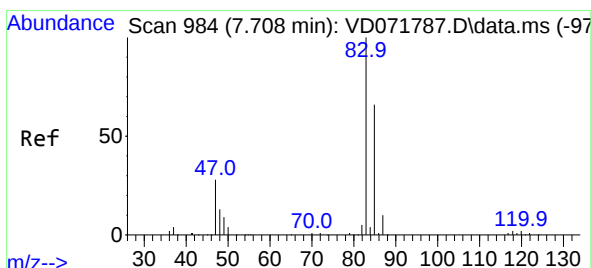
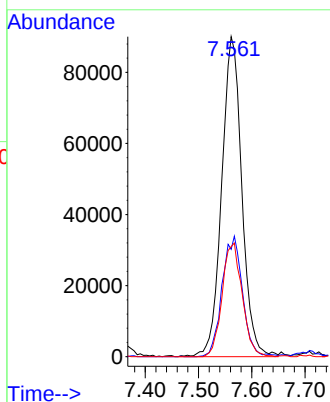
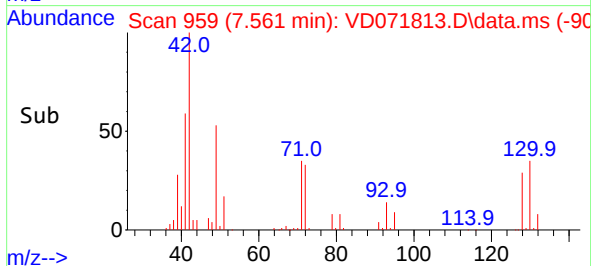
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



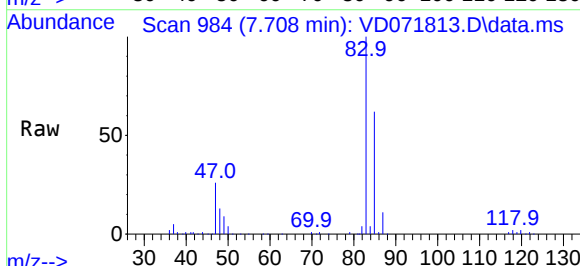
Tgt Ion: 42 Resp: 237132
Ion Ratio Lower Upper
42 100
72 38.1 30.7 46.1
71 35.2 28.6 43.0

Manual Integrations
APPROVED

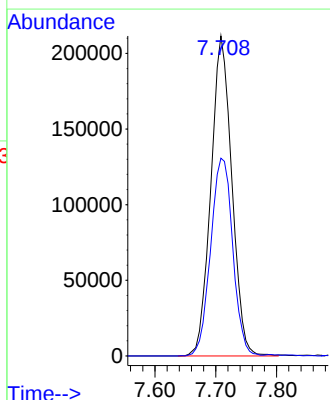
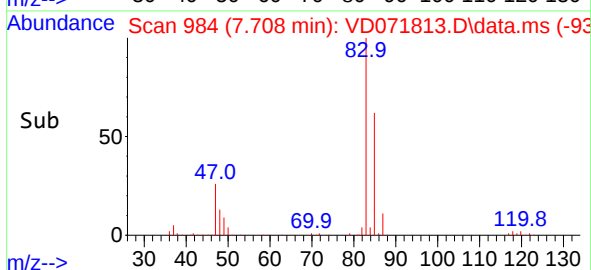
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

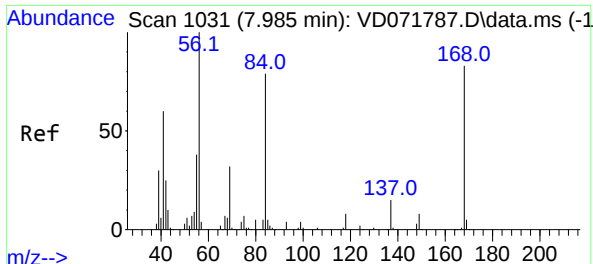


#30
Chloroform
Concen: 55.201 ug/l
RT: 7.708 min Scan# 984
Delta R.T. -0.000 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33



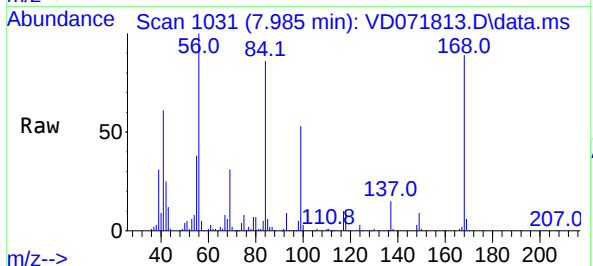
Tgt Ion: 83 Resp: 505234
Ion Ratio Lower Upper
83 100
85 61.8 52.7 79.1





#31
Cyclohexane
Concen: 45.006 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33

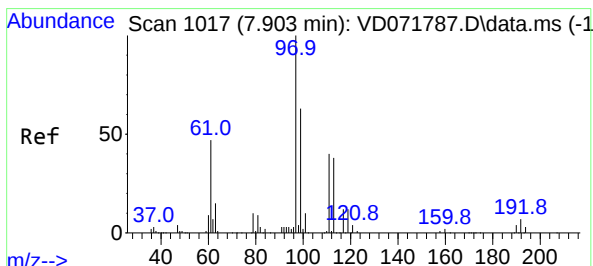
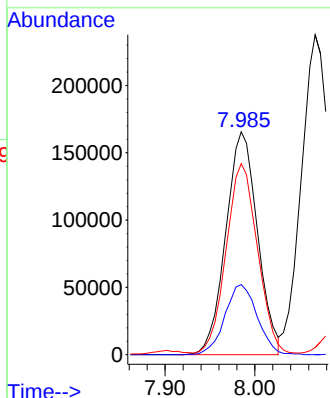
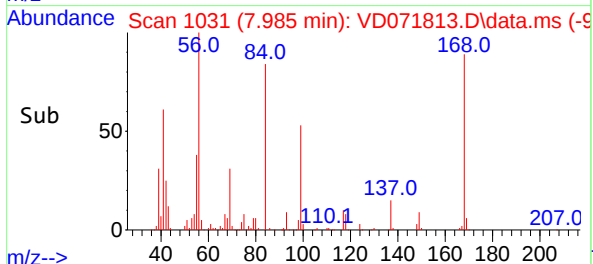
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



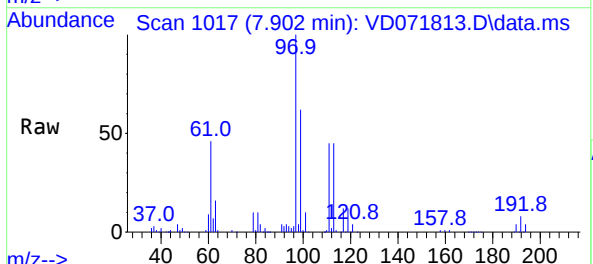
Tgt Ion: 56 Resp: 406684
Ion Ratio Lower Upper
56 100
69 31.4 25.4 38.2
84 84.2 63.0 94.4

Manual Integrations
APPROVED

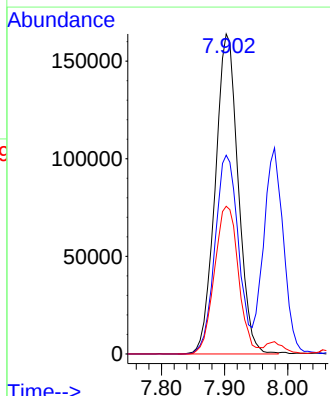
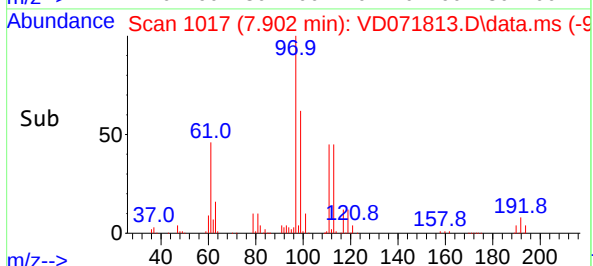
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

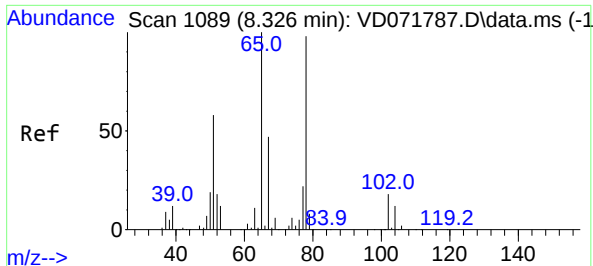


#32
1,1,1-Trichloroethane
Concen: 51.281 ug/l
RT: 7.902 min Scan# 1017
Delta R.T. -0.000 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33



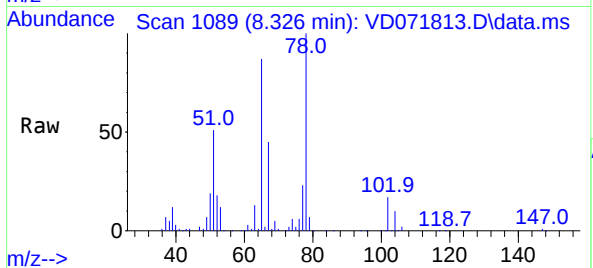
Tgt Ion: 97 Resp: 413986
Ion Ratio Lower Upper
97 100
99 63.8 52.4 78.6
61 48.7 38.0 57.0





#33
1,2-Dichloroethane-d4
Concen: 53.297 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33

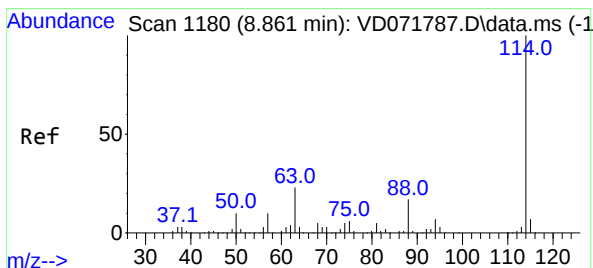
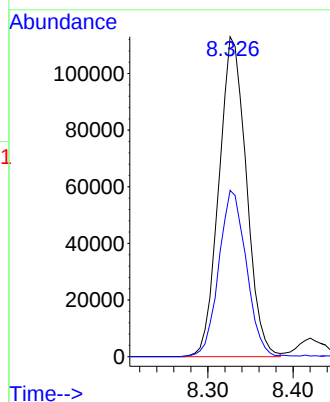
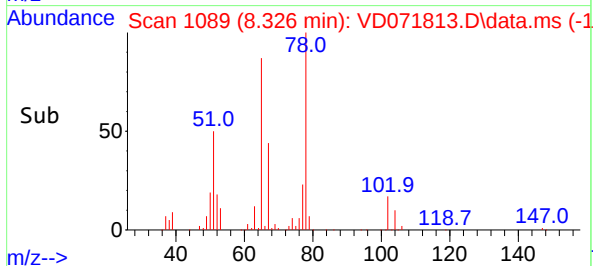
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



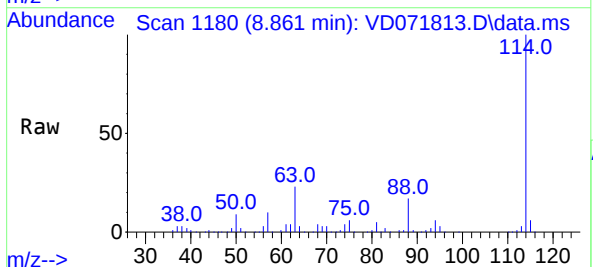
Tgt Ion: 65 Resp: 25226
Ion Ratio Lower Upper
65 100
67 52.3 0.0 101.4

Manual Integrations
APPROVED

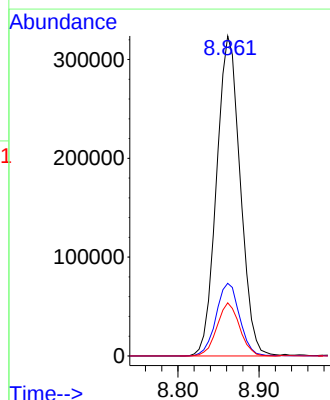
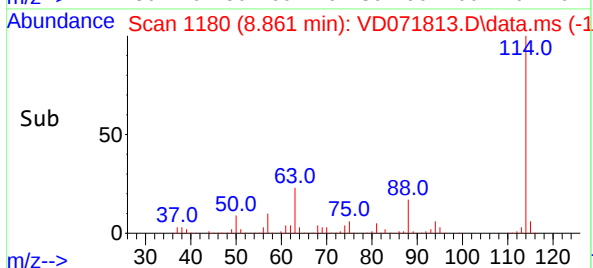
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

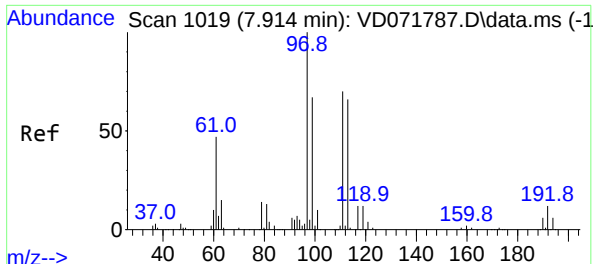


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33



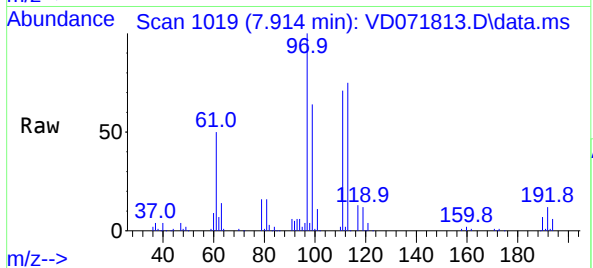
Tgt Ion:114 Resp: 656508
Ion Ratio Lower Upper
114 100
63 22.7 0.0 46.6
88 16.6 0.0 33.2





#35
Dibromofluoromethane
Concen: 51.221 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33

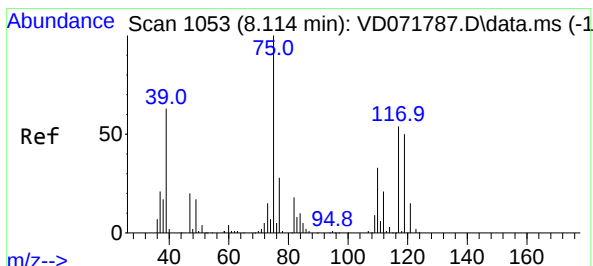
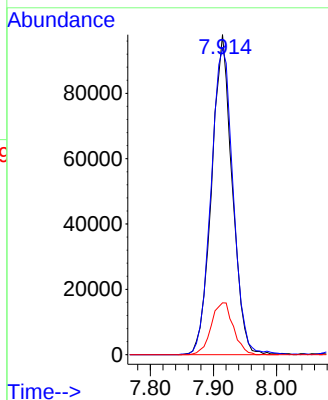
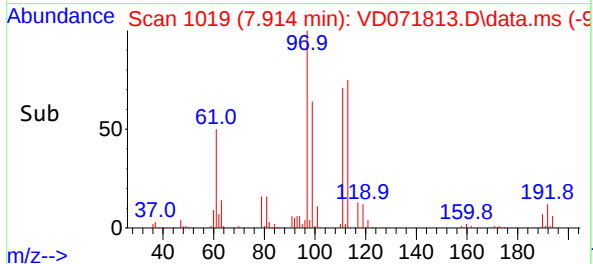
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



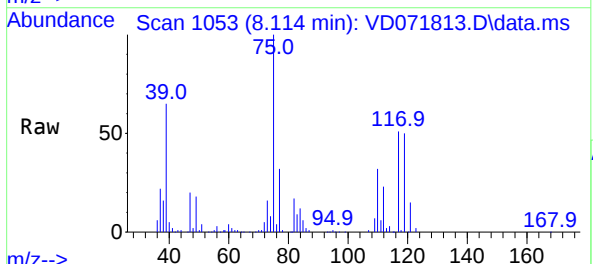
Tgt Ion:113 Resp: 221039
Ion Ratio Lower Upper
113 100
111 103.3 83.8 125.6
192 17.4 14.6 21.8

Manual Integrations
APPROVED

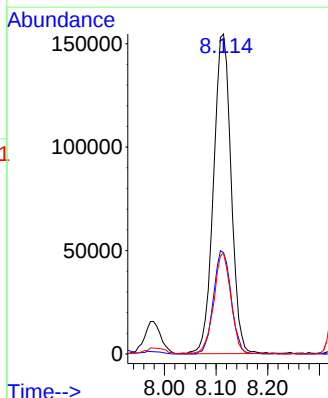
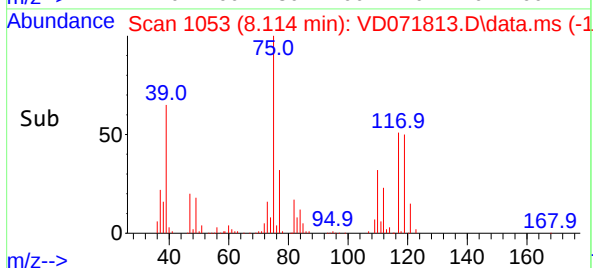
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

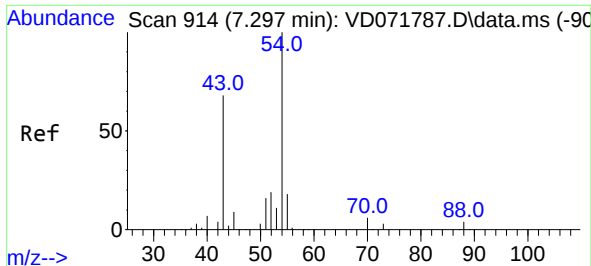


#36
1,1-Dichloropropene
Concen: 49.297 ug/l
RT: 8.114 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33



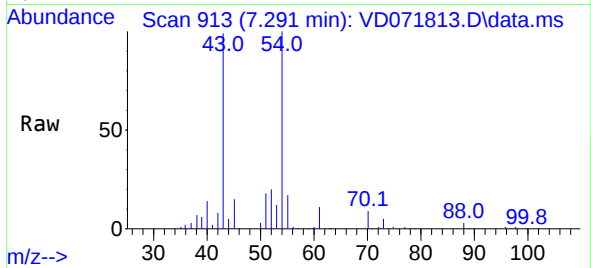
Tgt Ion: 75 Resp: 365133
Ion Ratio Lower Upper
75 100
110 32.2 16.4 49.1
77 30.9 24.2 36.2





#37
Ethyl Acetate
Concen: 49.072 ug/l
RT: 7.291 min Scan# 914
Delta R.T. -0.006 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33

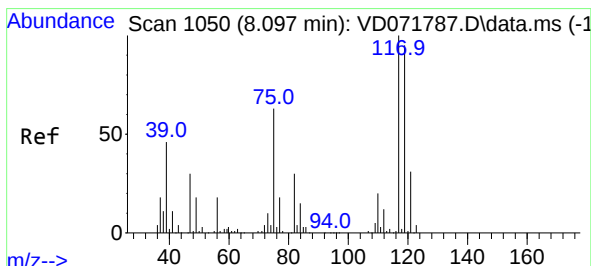
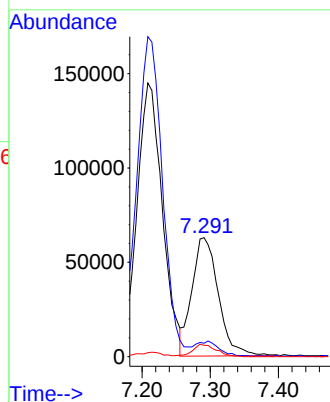
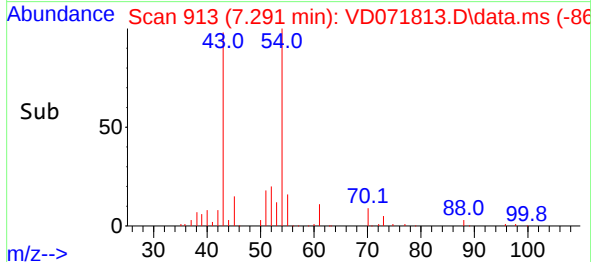
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 168985
Ion Ratio Lower Upper
43 100
61 10.7 9.8 14.8
70 9.3 6.9 10.3

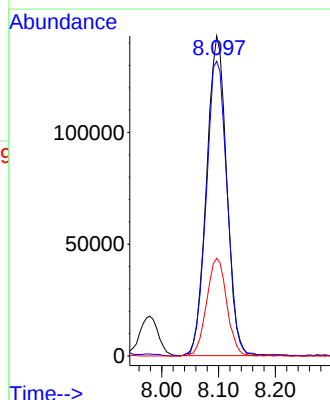
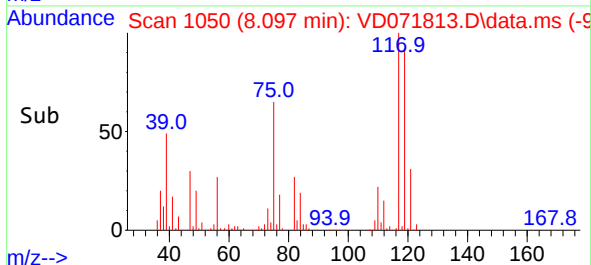
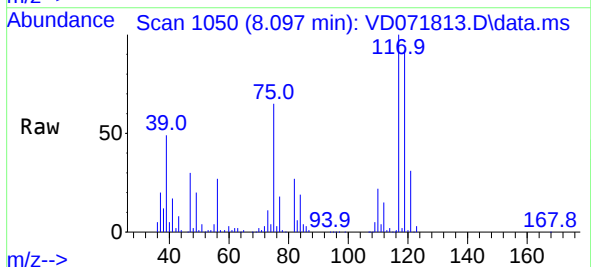
Manual Integrations
APPROVED

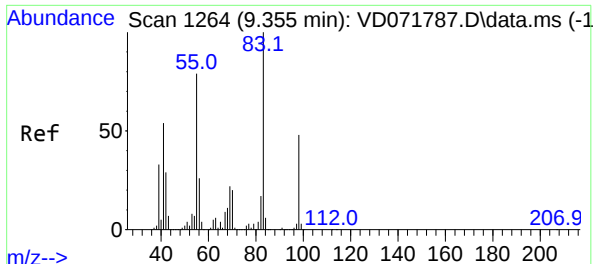
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#38
Carbon Tetrachloride
Concen: 47.945 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33

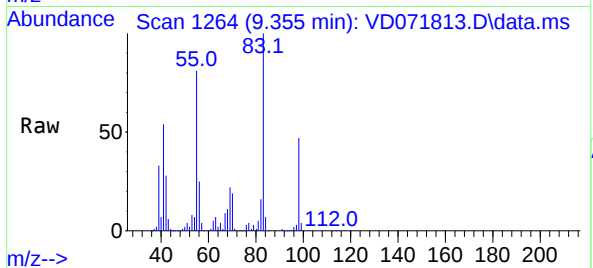
Tgt Ion:117 Resp: 351183
Ion Ratio Lower Upper
117 100
119 92.2 75.8 113.6
121 30.6 24.5 36.7





#39
Methylcyclohexane
Concen: 47.655 ug/l
RT: 9.355 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33

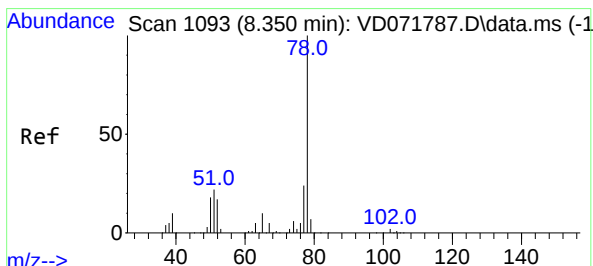
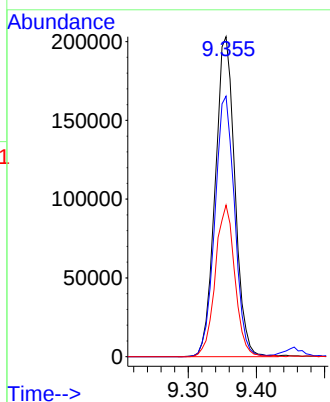
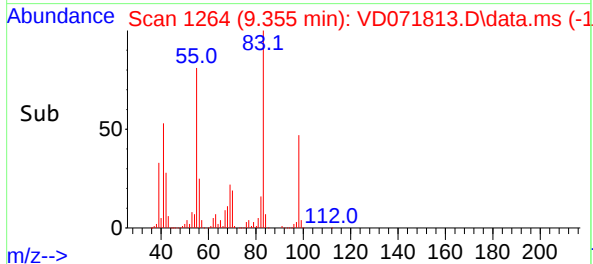
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 408984
Ion Ratio Lower Upper
83 100
55 81.4 63.2 94.8
98 47.4 38.2 57.4

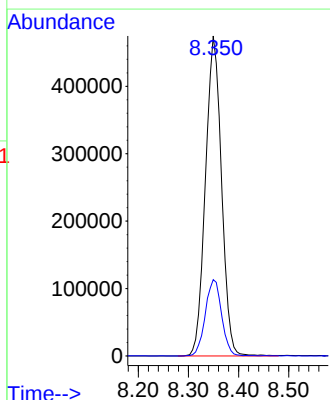
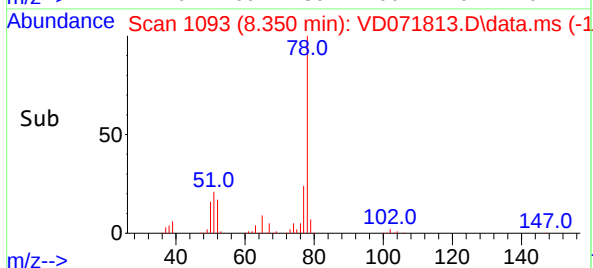
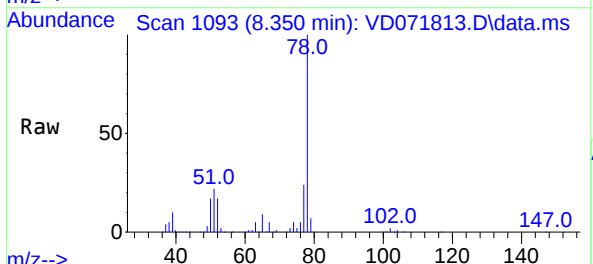
Manual Integrations
APPROVED

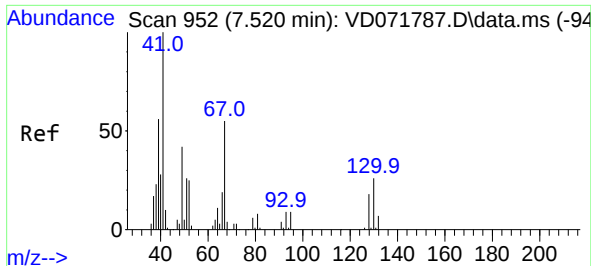
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#40
Benzene
Concen: 52.868 ug/l
RT: 8.350 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33

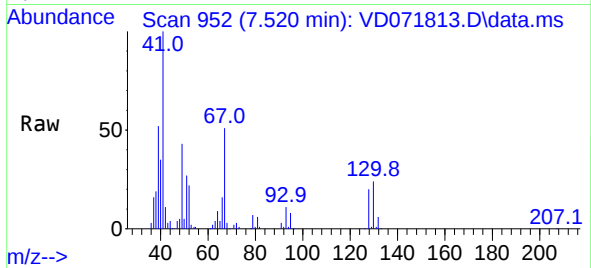
Tgt Ion: 78 Resp: 1057022
Ion Ratio Lower Upper
78 100
77 23.9 19.1 28.7





#41
Methacrylonitrile
Concen: 55.047 ug/l
RT: 7.520 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33

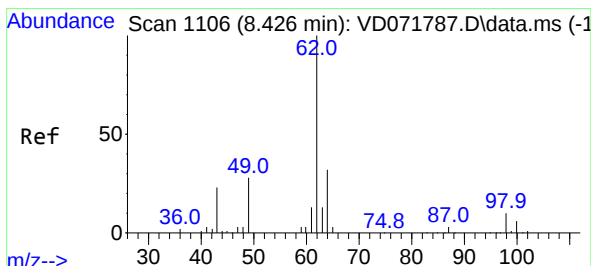
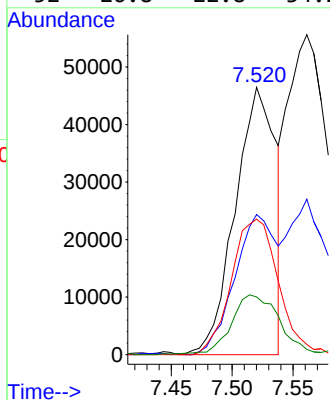
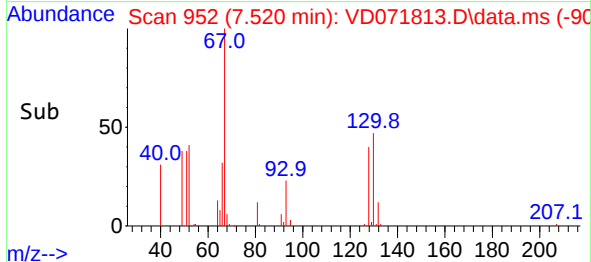
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 107240
Ion Ratio Lower Upper
41 100
39 53.4 44.6 67.0
67 59.0 48.2 72.4
52 26.8 22.8 34.2

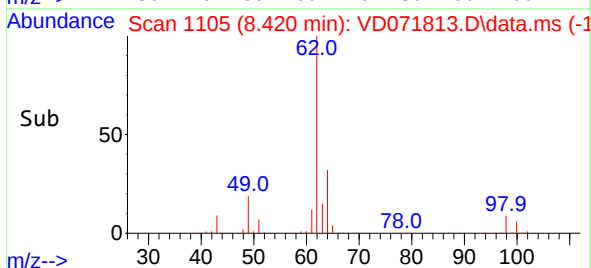
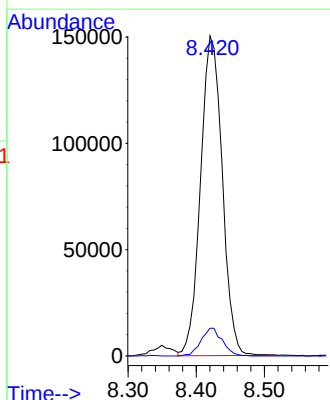
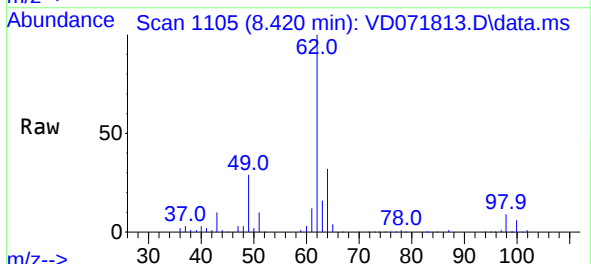
Manual Integrations
APPROVED

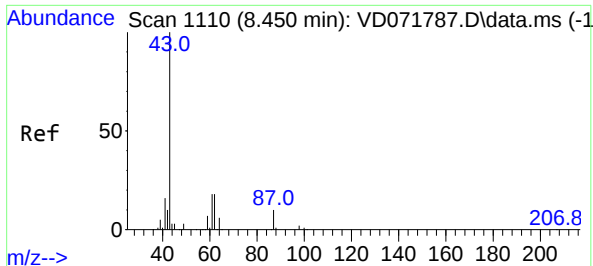
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#42
1,2-Dichloroethane
Concen: 52.765 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33

Tgt Ion: 62 Resp: 333122
Ion Ratio Lower Upper
62 100
98 8.5 0.0 17.6





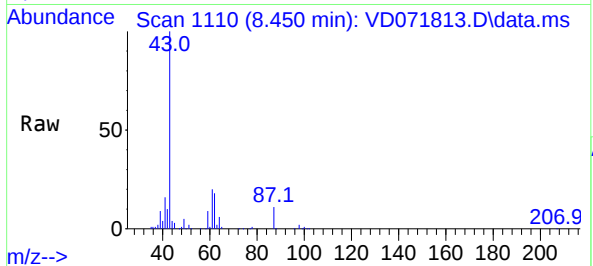
#43
Isopropyl Acetate
Concen: 51.767 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



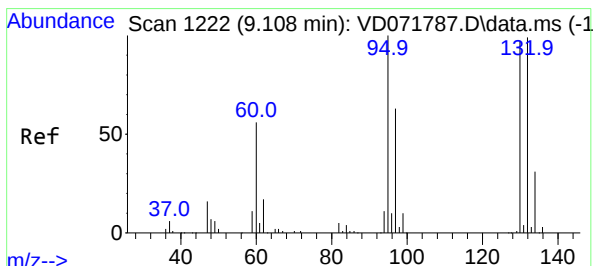
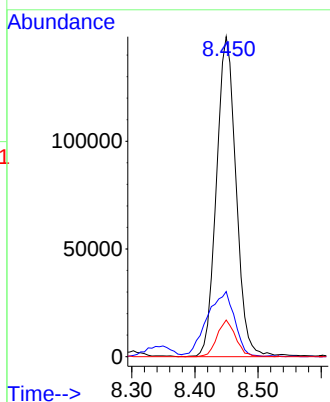
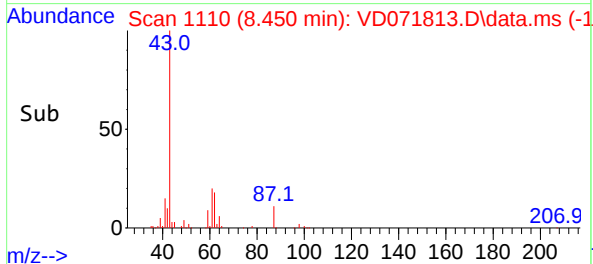
Tgt Ion: 43 Resp: 320398
Ion Ratio Lower Upper
43 100
61 28.4 22.4 33.6
87 10.9 8.7 13.1

Manual Integrations

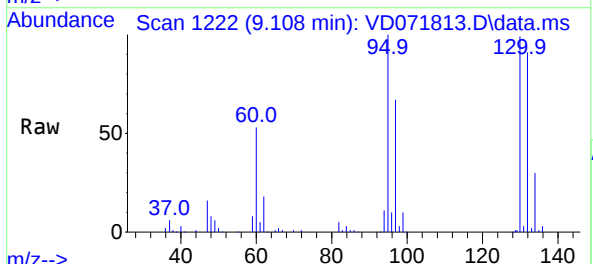
APPROVED

Reviewed By :John Carlone 01/28/2022

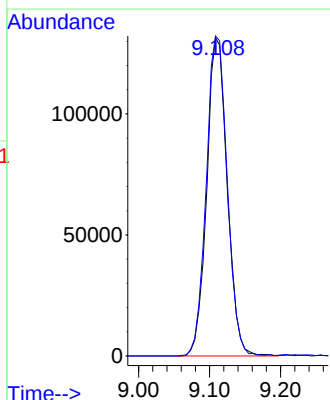
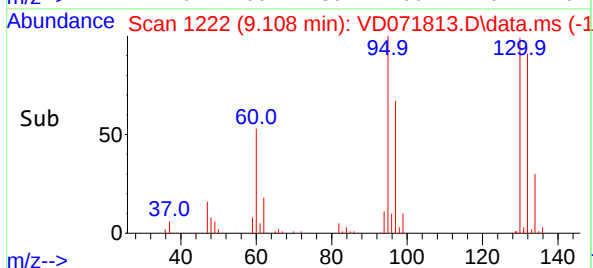
Supervised By :Mahesh Dadoda 01/28/2022

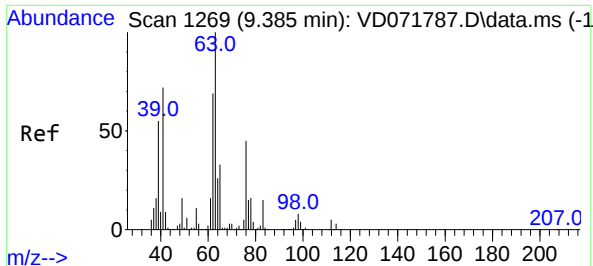


#44
Trichloroethene
Concen: 50.958 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33



Tgt Ion:130 Resp: 263060
Ion Ratio Lower Upper
130 100
95 100.5 0.0 205.4





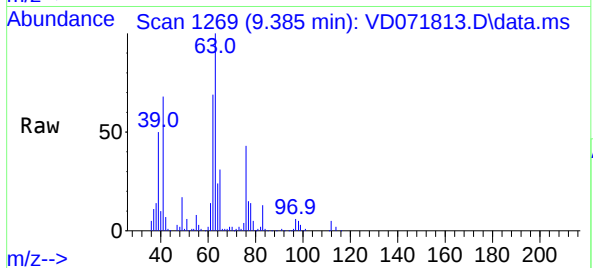
#45
1,2-Dichloropropane
Concen: 53.681 ug/l
RT: 9.385 min Scan# 1269
Delta R.T. -0.000 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

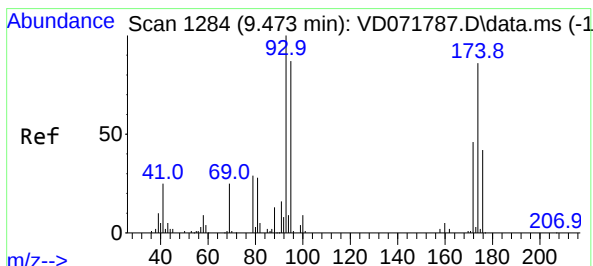
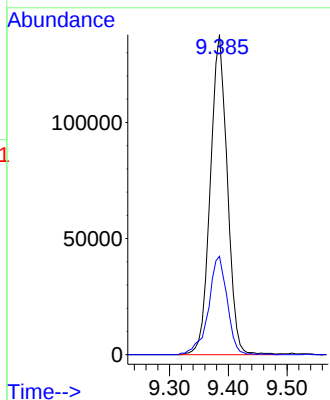
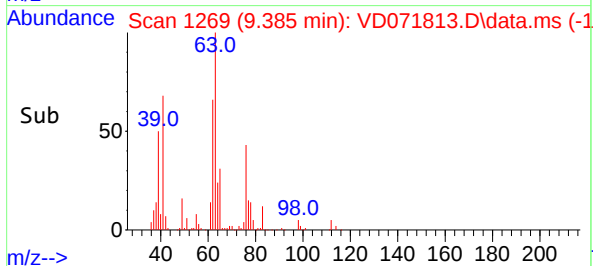


Tgt Ion: 63 Resp: 27674
Ion Ratio Lower Upper
63 100
65 30.8 26.2 39.4

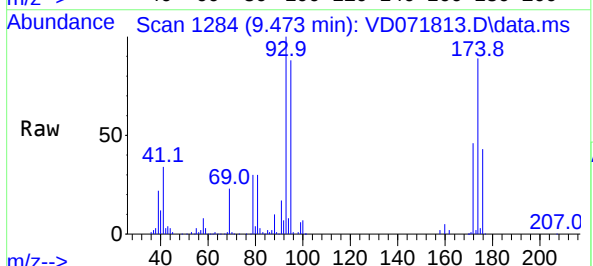
Manual Integrations

APPROVED

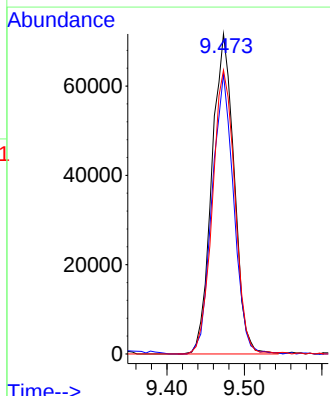
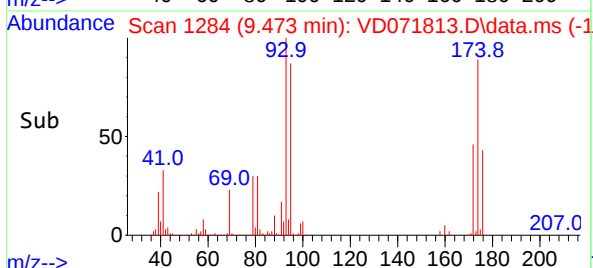
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

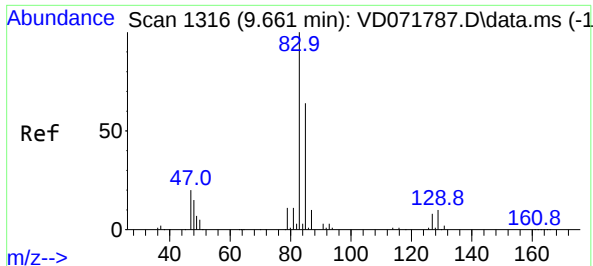


#46
Dibromomethane
Concen: 53.025 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. -0.000 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33



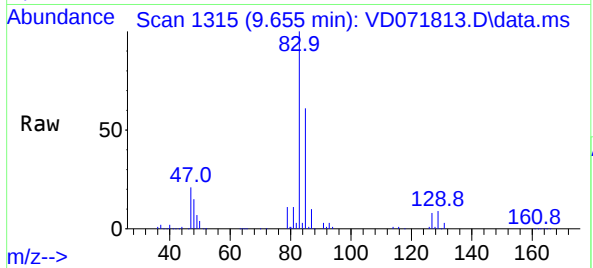
Tgt Ion: 93 Resp: 143132
Ion Ratio Lower Upper
93 100
95 84.8 66.7 100.1
174 89.2 71.6 107.4





#47
Bromodichloromethane
Concen: 54.540 ug/l
RT: 9.655 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33

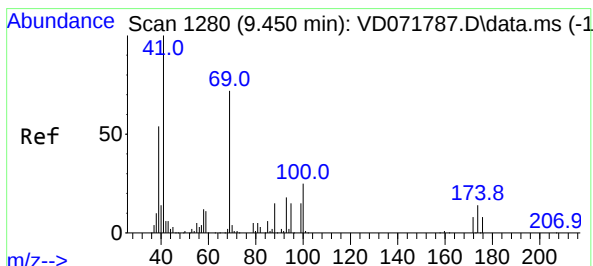
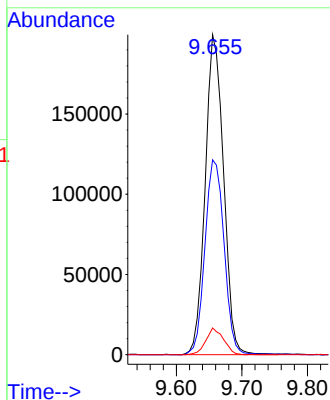
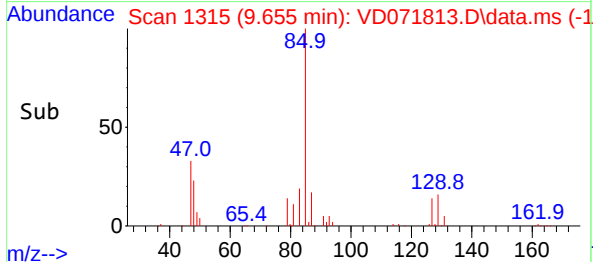
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



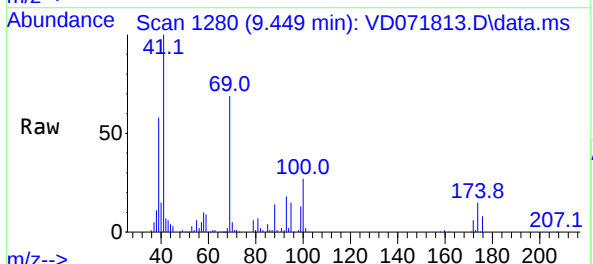
Tgt Ion: 83 Resp: 389354
Ion Ratio Lower Upper
83 100
85 60.9 51.4 77.0
127 8.4 6.1 9.1

Manual Integrations
APPROVED

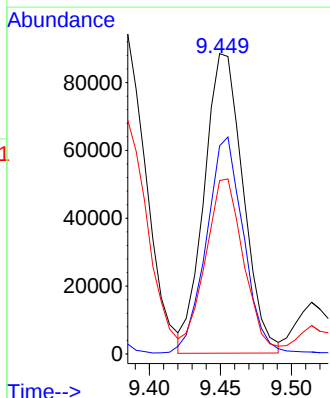
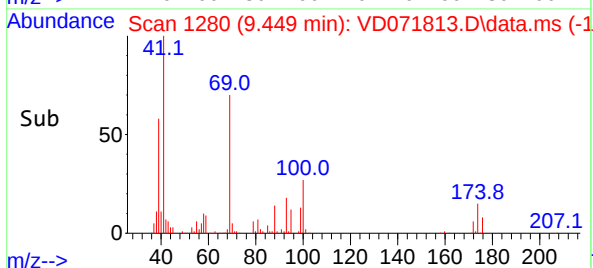
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

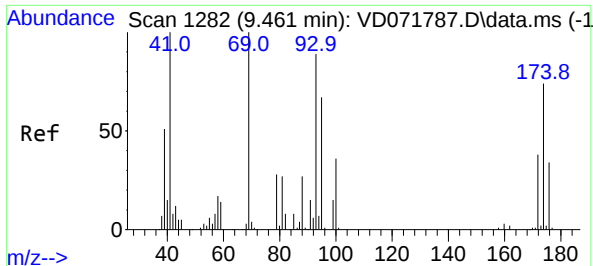


#48
Methyl methacrylate
Concen: 51.601 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33



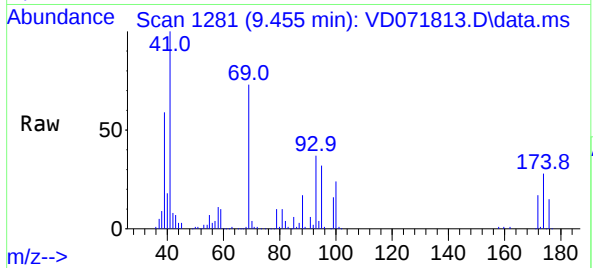
Tgt Ion: 41 Resp: 169021
Ion Ratio Lower Upper
41 100
69 68.7 56.7 85.1
39 57.5 42.7 64.1





#49
1,4-Dioxane
Concen: 996.067 ug/l
RT: 9.455 min Scan# 1282
Delta R.T. -0.006 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33

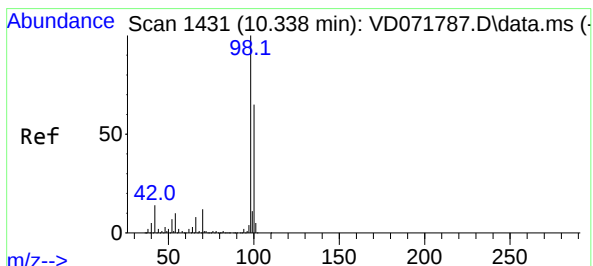
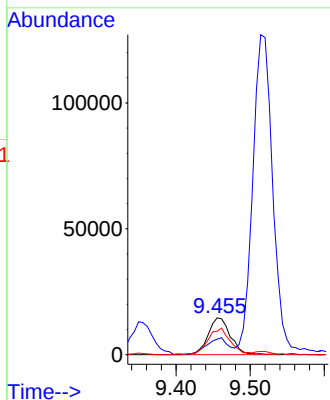
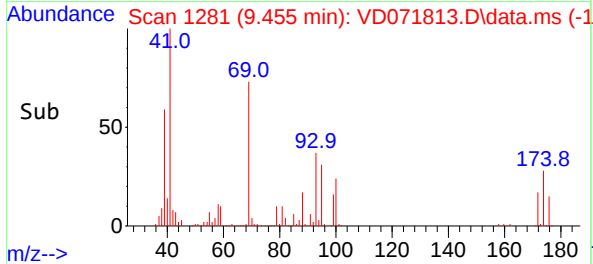
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 30689
Ion Ratio Lower Upper
88 100
43 44.4 31.0 46.4
58 72.4 58.1 87.1

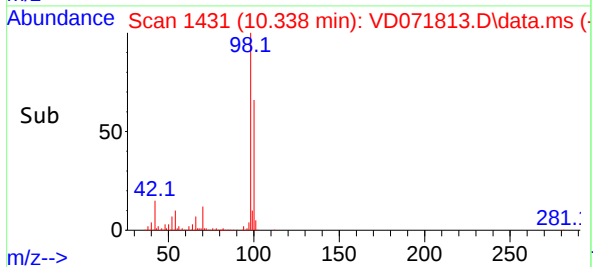
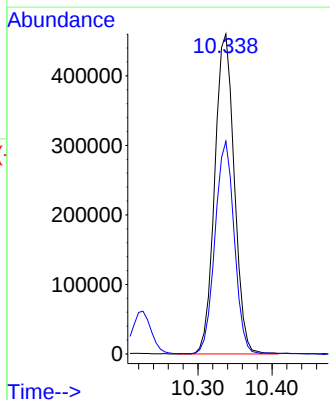
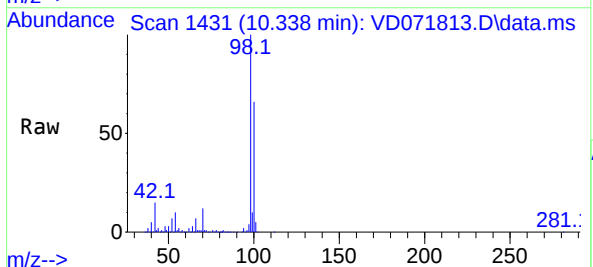
Manual Integrations
APPROVED

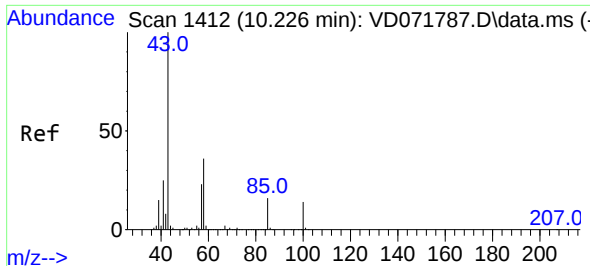
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#50
Toluene-d8
Concen: 52.290 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33

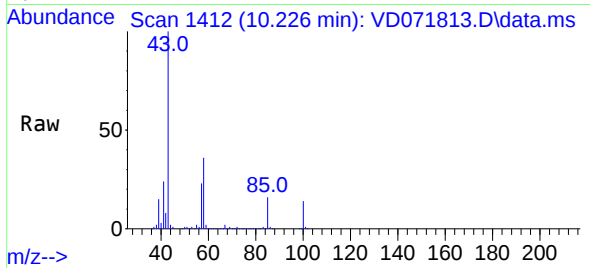
Tgt Ion: 98 Resp: 842746
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6





#51
4-Methyl-2-Pentanone
Concen: 256.050 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. -0.000 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33

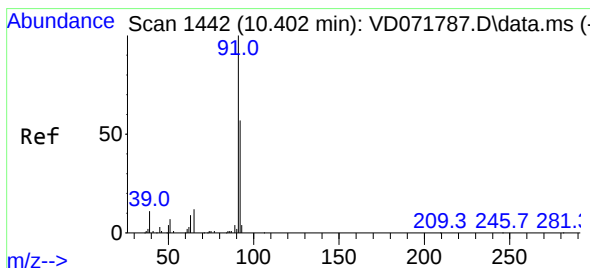
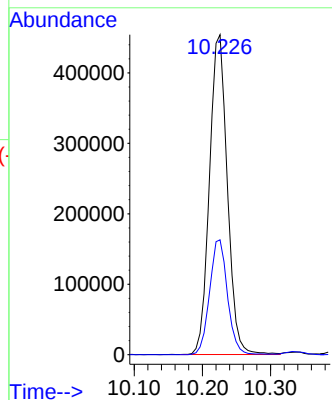
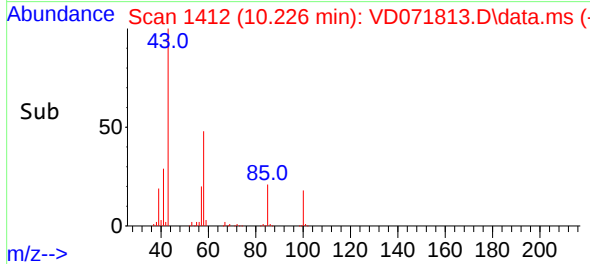
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



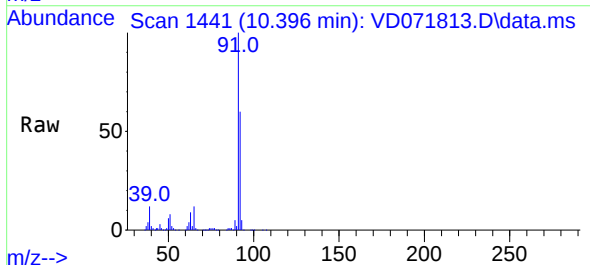
Tgt Ion: 43 Resp: 82931
Ion Ratio Lower Upper
43 100
58 35.9 28.6 43.0

Manual Integrations
APPROVED

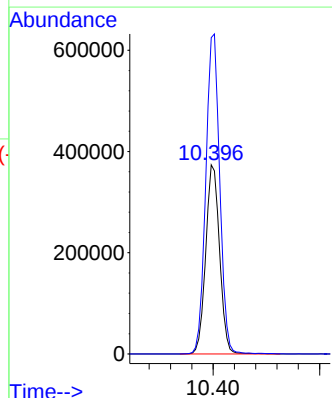
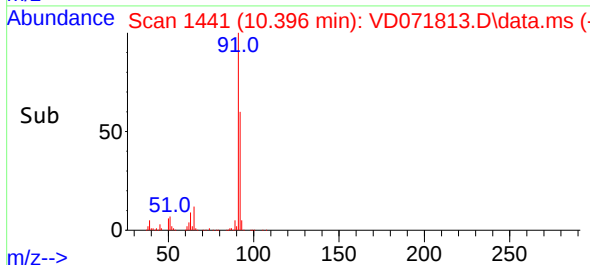
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

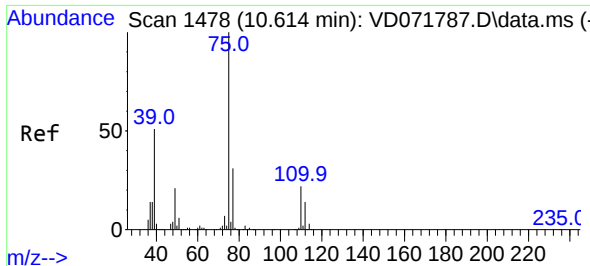


#52
Toluene
Concen: 54.132 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.006 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33



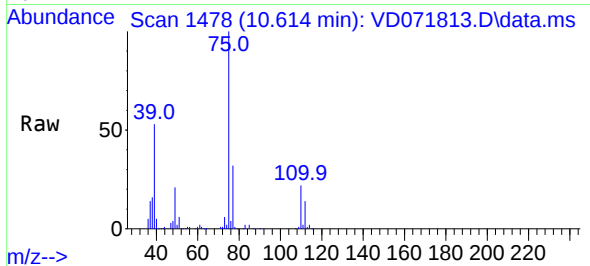
Tgt Ion: 92 Resp: 673006
Ion Ratio Lower Upper
92 100
91 170.3 139.6 209.4





#53
t-1,3-Dichloropropene
Concen: 52.379 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33

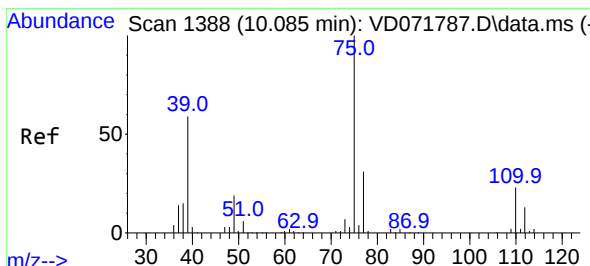
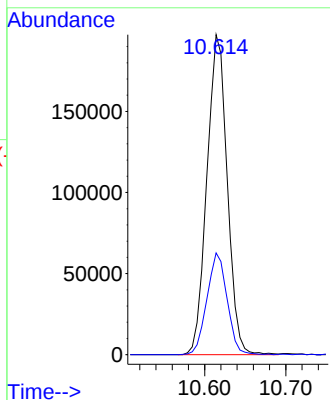
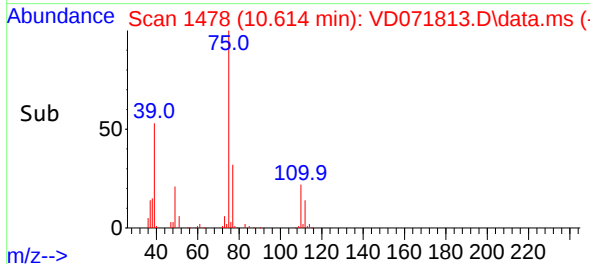
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



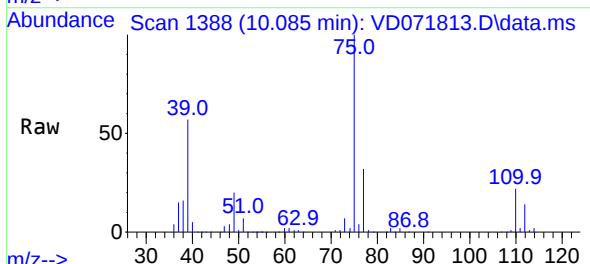
Tgt Ion: 75 Resp: 343438
Ion Ratio Lower Upper
75 100
77 31.8 24.5 36.7

Manual Integrations
APPROVED

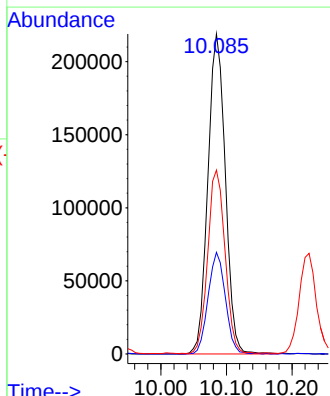
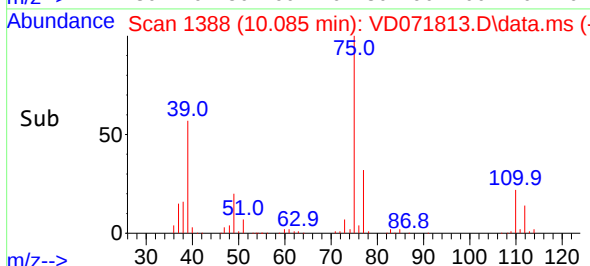
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

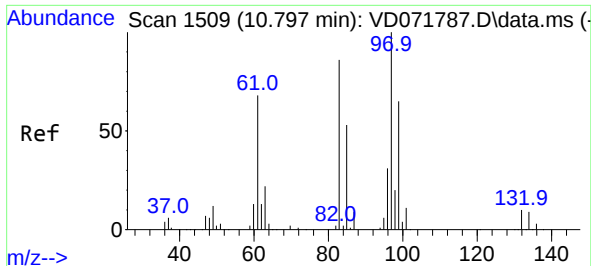


#54
cis-1,3-Dichloropropene
Concen: 52.613 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33



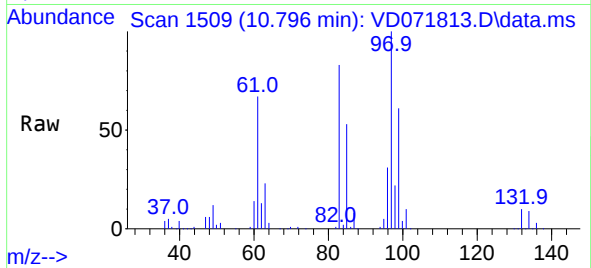
Tgt Ion: 75 Resp: 404368
Ion Ratio Lower Upper
75 100
77 31.8 24.8 37.2
39 57.3 46.8 70.2





#55
1,1,2-Trichloroethane
Concen: 52.134 ug/l
RT: 10.796 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33

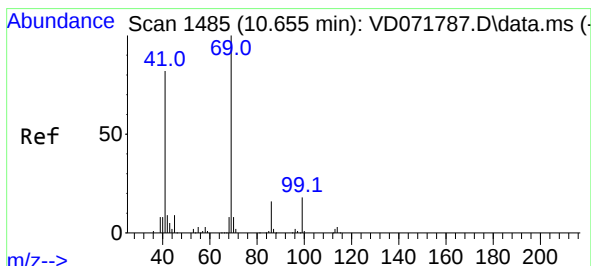
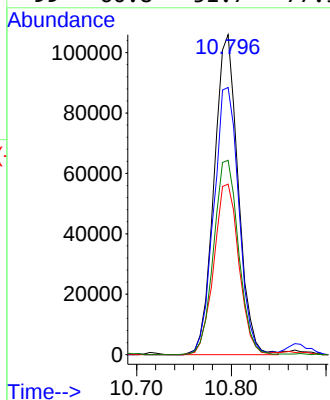
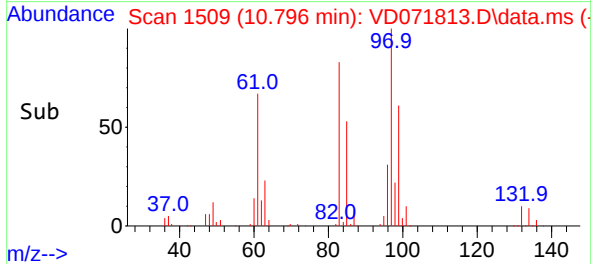
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



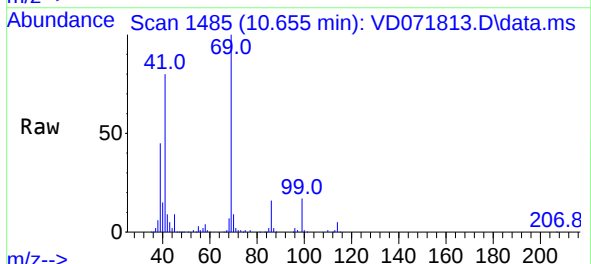
Tgt Ion: 97 Resp: 186769
Ion Ratio Lower Upper
97 100
83 83.5 69.0 103.4
85 53.3 42.6 63.8
99 60.8 51.7 77.5

Manual Integrations
APPROVED

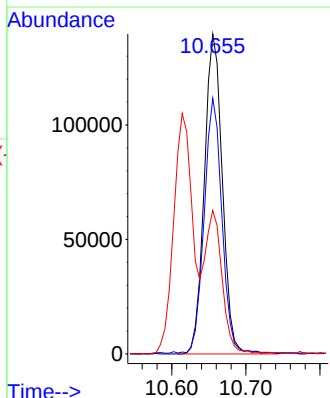
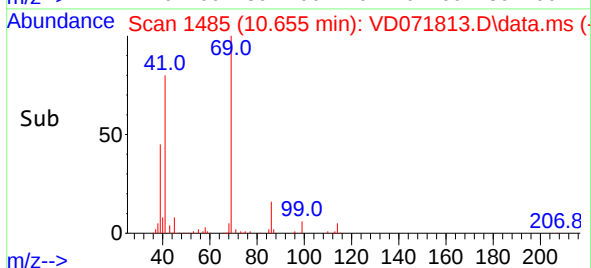
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

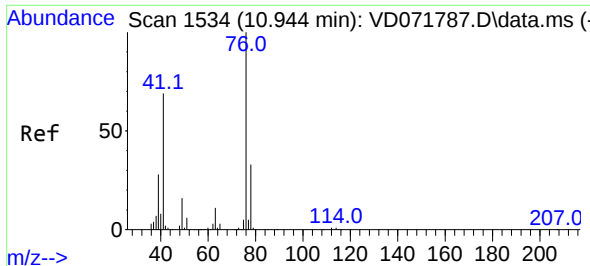


#56
Ethyl methacrylate
Concen: 53.204 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. -0.000 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33



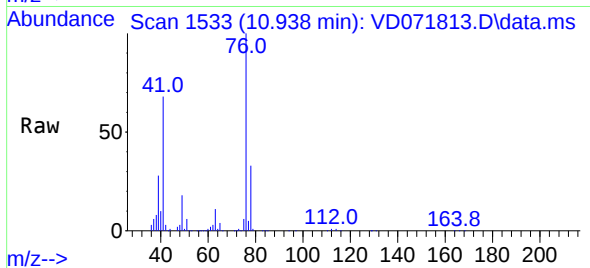
Tgt Ion: 69 Resp: 235988
Ion Ratio Lower Upper
69 100
41 78.4 63.0 94.6
39 41.8 33.8 50.8





#57
1,3-Dichloropropane
Concen: 53.022 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. -0.006 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33

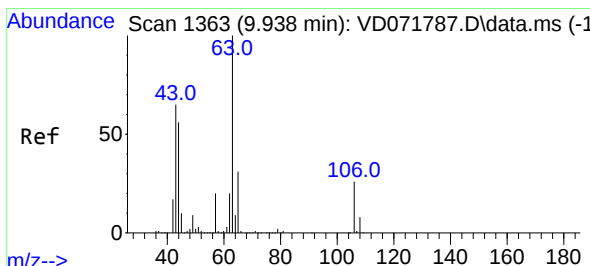
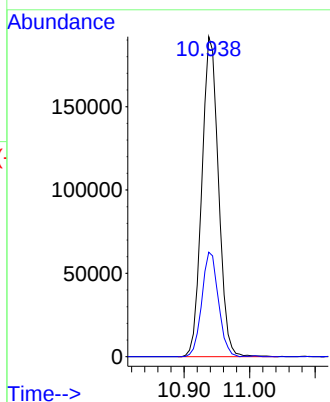
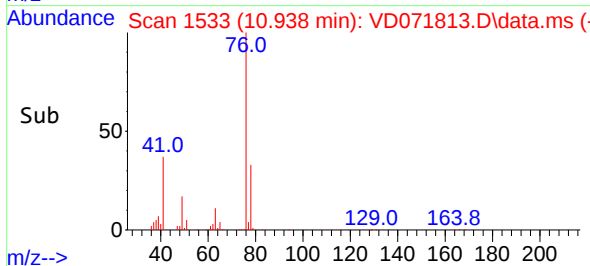
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



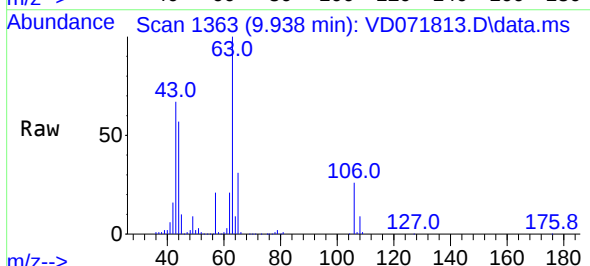
Tgt Ion: 76 Resp: 339110
Ion Ratio Lower Upper
76 100
78 32.6 26.0 39.0

Manual Integrations
APPROVED

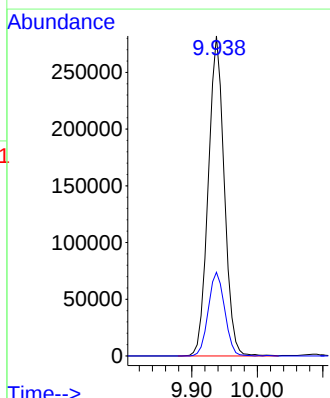
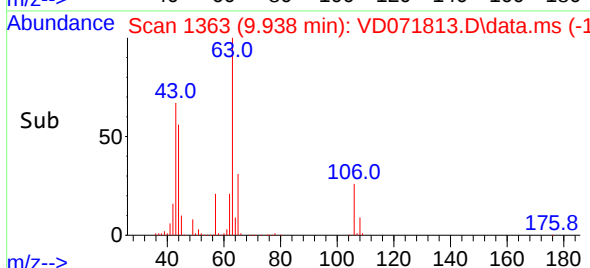
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

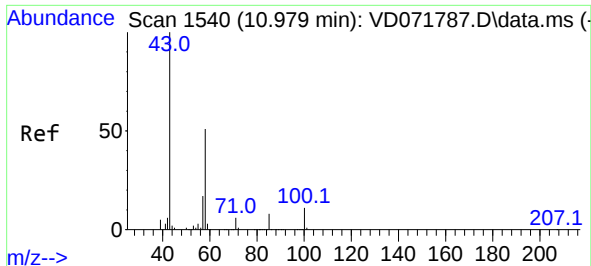


#58
2-Chloroethyl Vinyl ether
Concen: 228.896 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. -0.000 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33



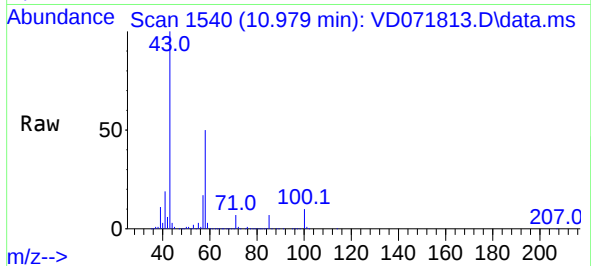
Tgt Ion: 63 Resp: 477946
Ion Ratio Lower Upper
63 100
106 26.7 21.4 32.0





#59
2-Hexanone
Concen: 243.128 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33

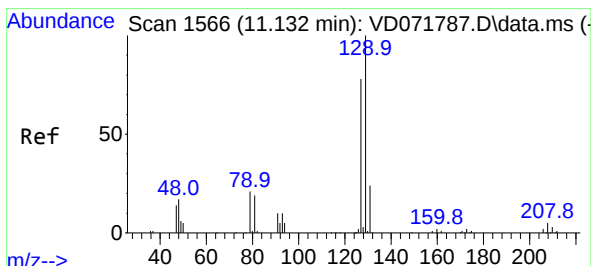
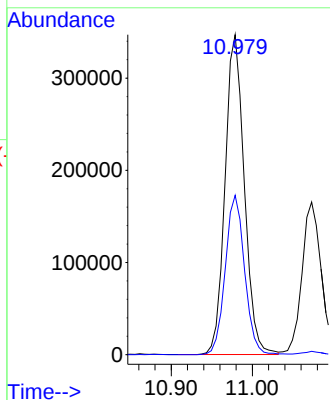
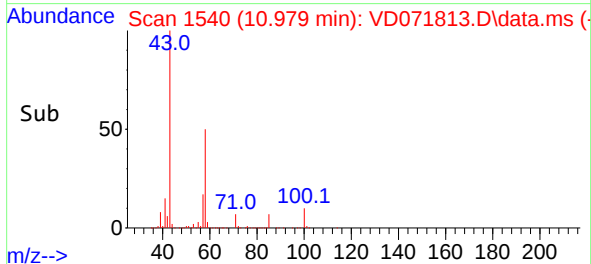
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 57154
Ion Ratio Lower Upper
43 100
58 50.0 25.3 75.9

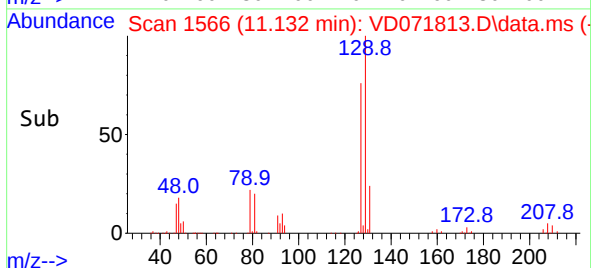
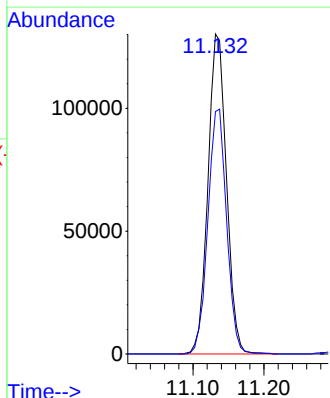
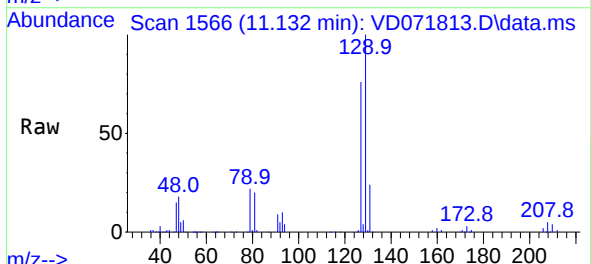
Manual Integrations
APPROVED

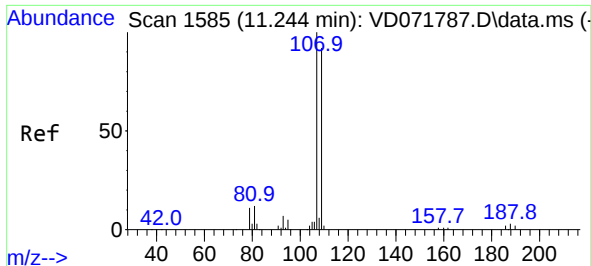
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#60
Dibromochloromethane
Concen: 53.249 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33

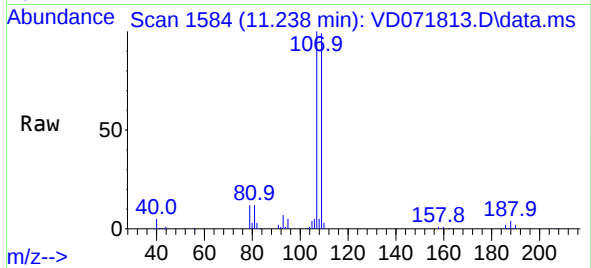
Tgt Ion:129 Resp: 235570
Ion Ratio Lower Upper
129 100
127 77.5 39.2 117.6





#61
1,2-Dibromoethane
Concen: 51.021 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33

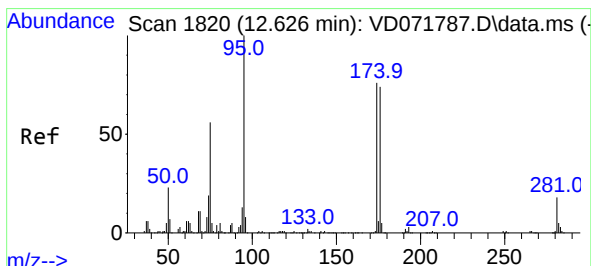
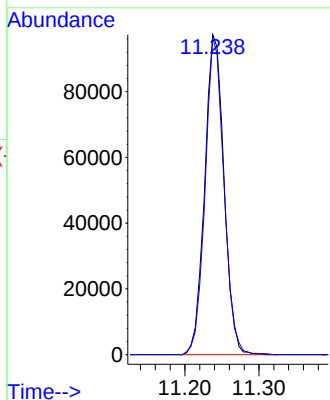
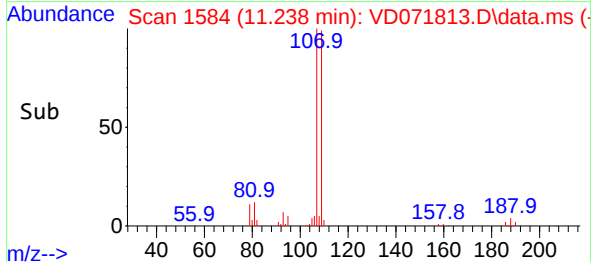
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



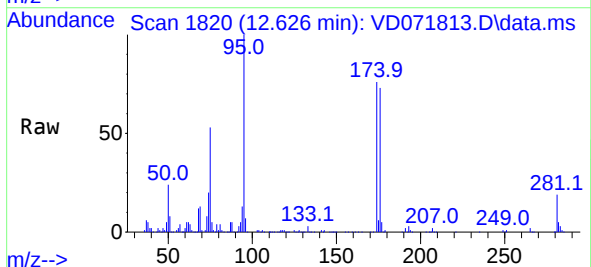
Tgt Ion:107 Resp: 176100
Ion Ratio Lower Upper
107 100
109 96.2 74.2 111.4

Manual Integrations
APPROVED

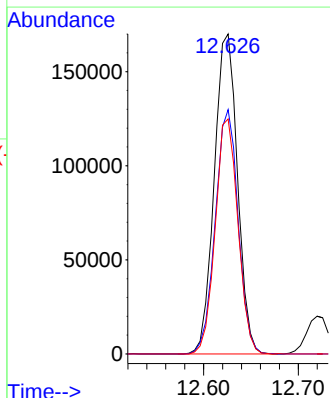
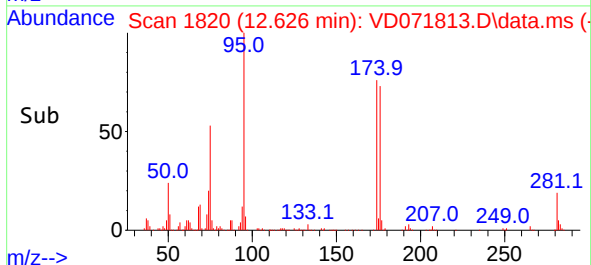
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

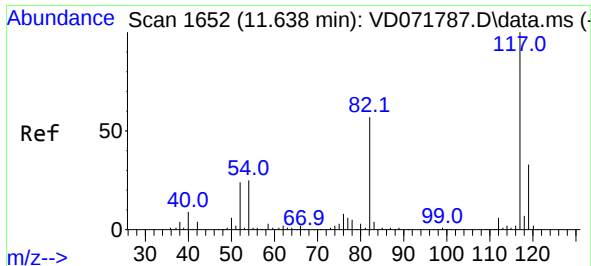


#62
4-Bromofluorobenzene
Concen: 51.433 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33



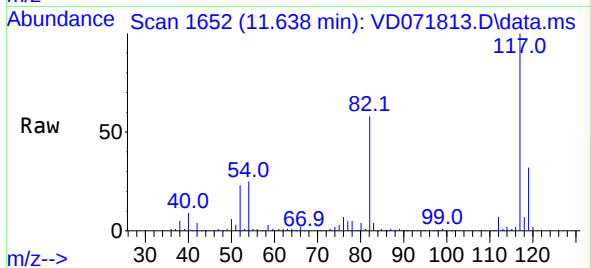
Tgt Ion: 95 Resp: 289472
Ion Ratio Lower Upper
95 100
174 75.3 0.0 152.8
176 71.8 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33

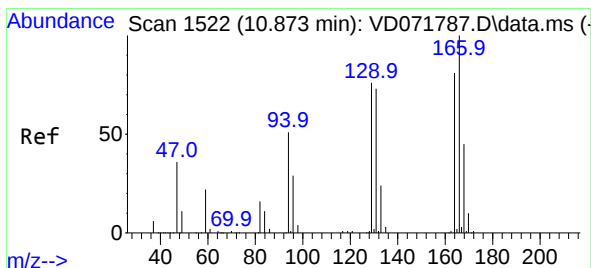
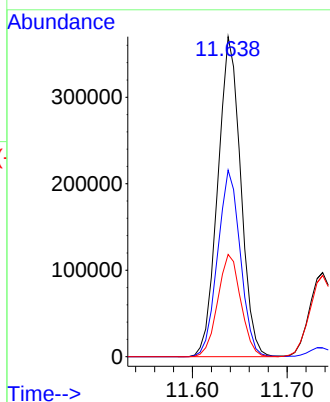
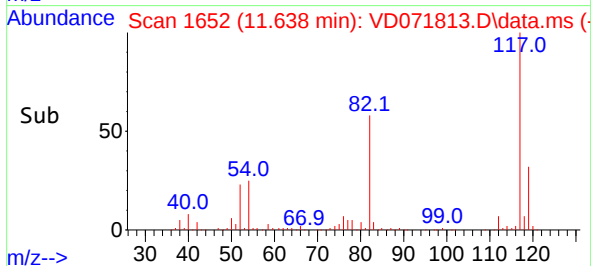
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



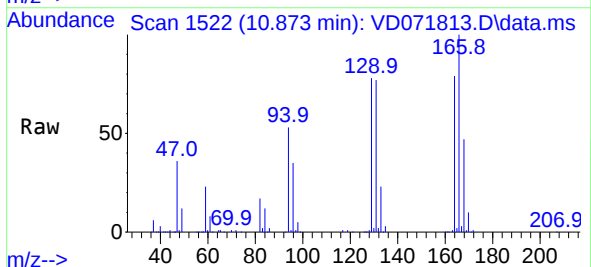
Tgt Ion:117 Resp: 622790
Ion Ratio Lower Upper
117 100
82 58.3 45.3 67.9
119 32.0 26.6 40.0

Manual Integrations
APPROVED

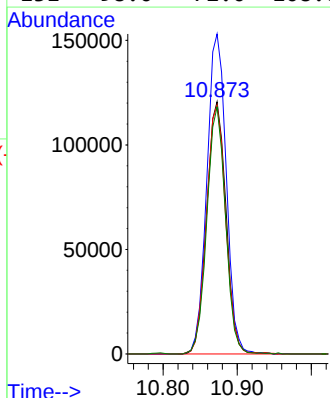
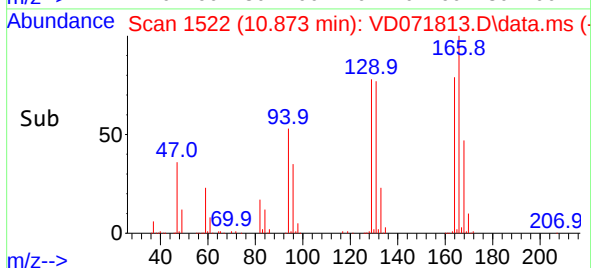
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

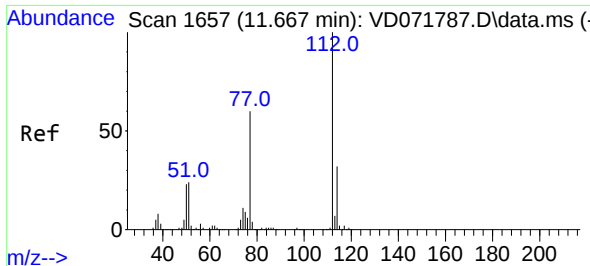


#64
Tetrachloroethene
Concen: 49.904 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33



Tgt Ion:164 Resp: 219842
Ion Ratio Lower Upper
164 100
166 126.9 98.5 147.7
129 98.7 74.6 111.8
131 98.0 72.0 108.0





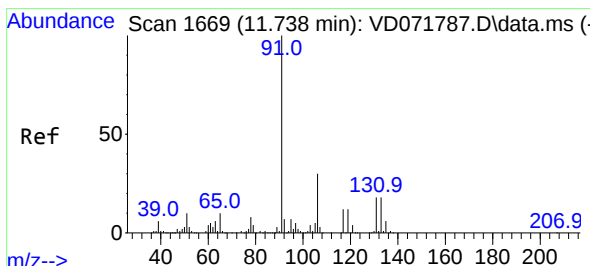
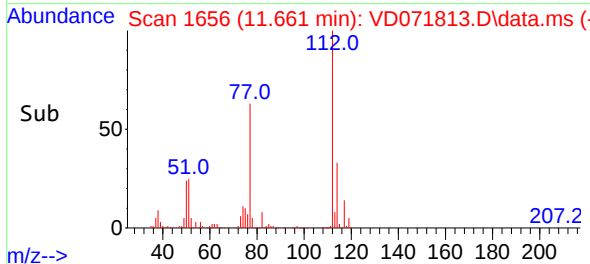
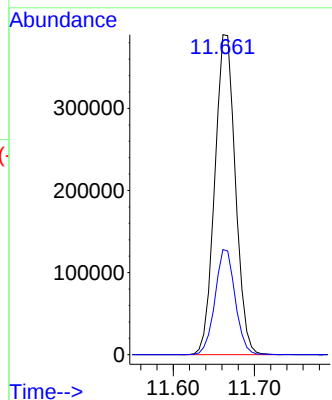
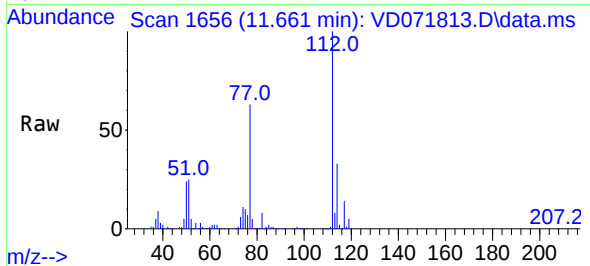
#65
Chlorobenzene
Concen: 52.191 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.006 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 687640
Ion Ratio Lower Upper
112 100
114 32.8 25.8 38.6

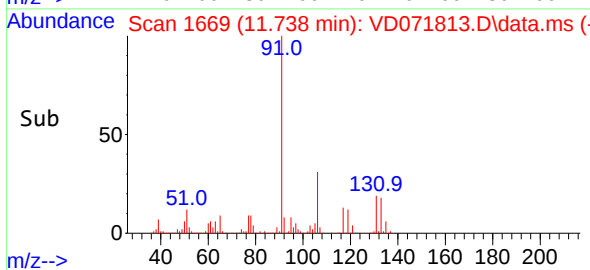
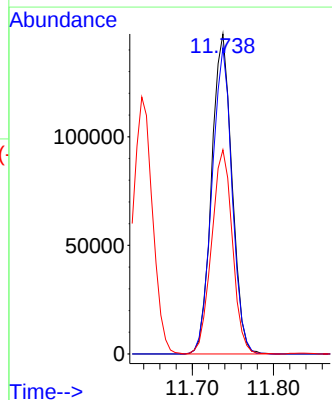
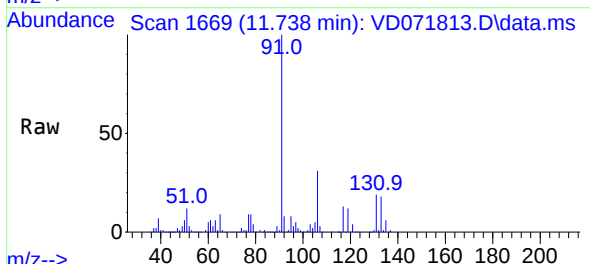
Manual Integrations
APPROVED

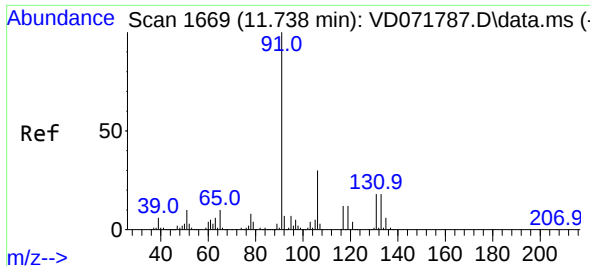
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 53.366 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33

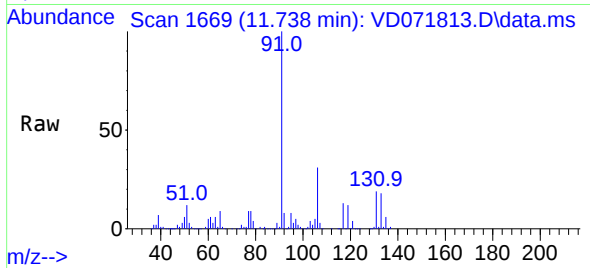
Tgt Ion:131 Resp: 255794
Ion Ratio Lower Upper
131 100
133 94.7 48.1 144.3
119 65.4 31.9 95.9





#67
Ethyl Benzene
Concen: 52.652 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33

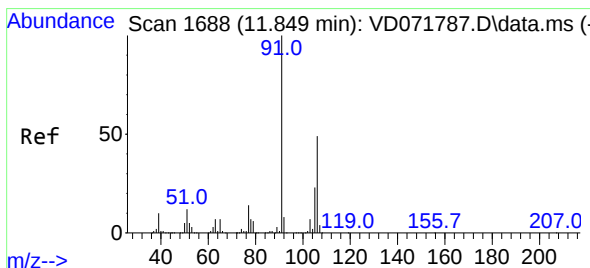
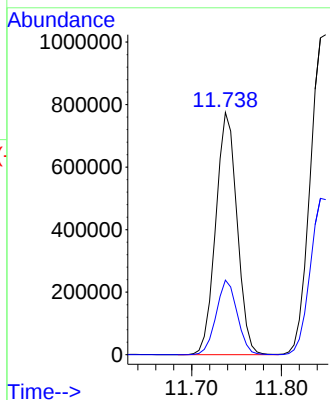
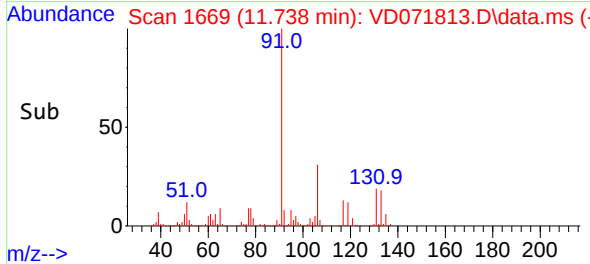
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



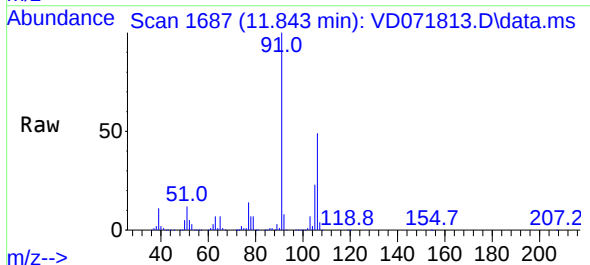
Tgt Ion: 91 Resp: 1276489
Ion Ratio Lower Upper
91 100
106 30.8 24.2 36.4

Manual Integrations
APPROVED

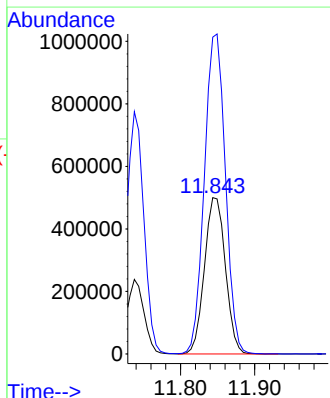
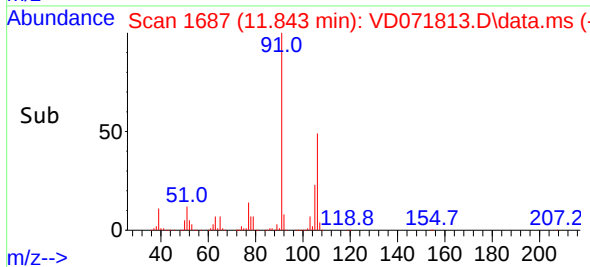
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

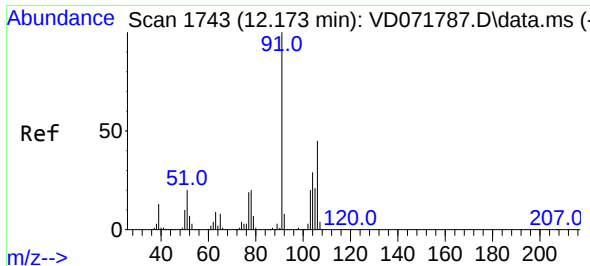


#68
m/p-Xylenes
Concen: 106.478 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.006 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33



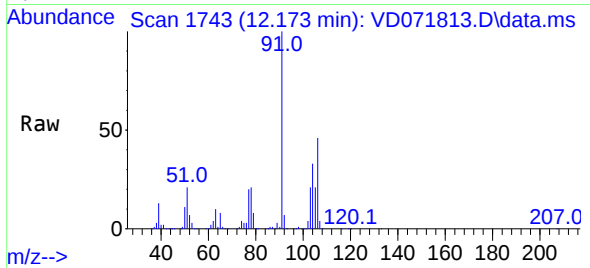
Tgt Ion:106 Resp: 981873
Ion Ratio Lower Upper
106 100
91 205.0 163.7 245.5





#69
o-Xylene
Concen: 55.421 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33

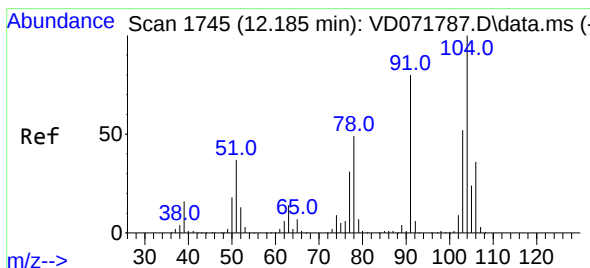
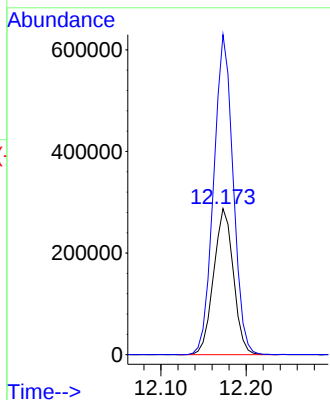
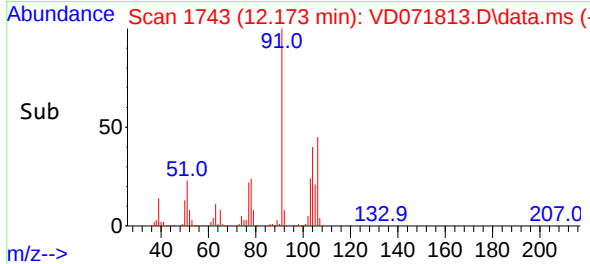
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 464435
Ion Ratio Lower Upper
106 100
91 216.0 110.4 331.2

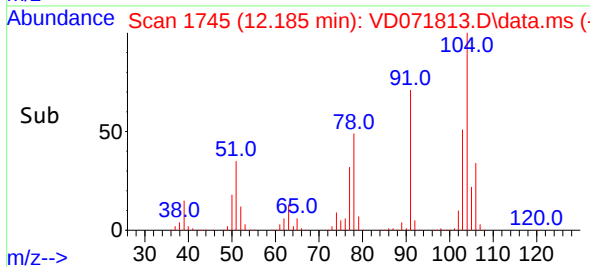
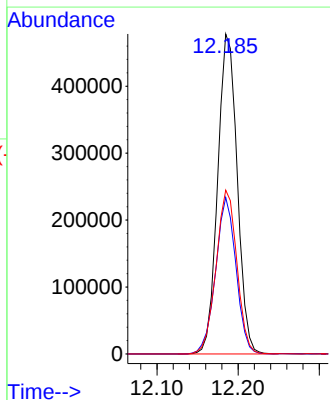
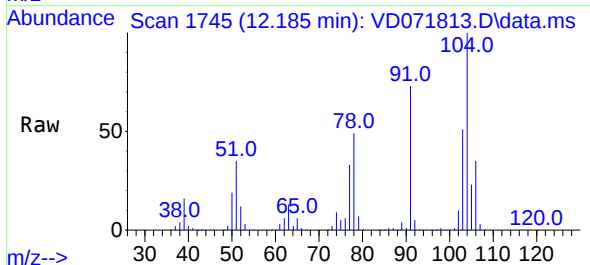
Manual Integrations
APPROVED

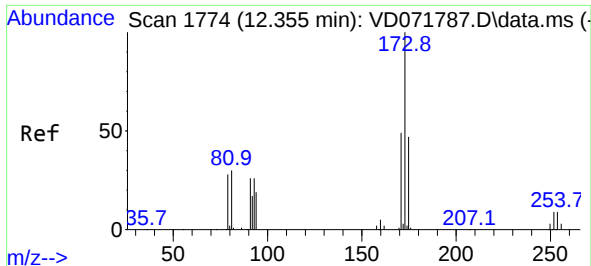
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#70
Styrene
Concen: 55.389 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33

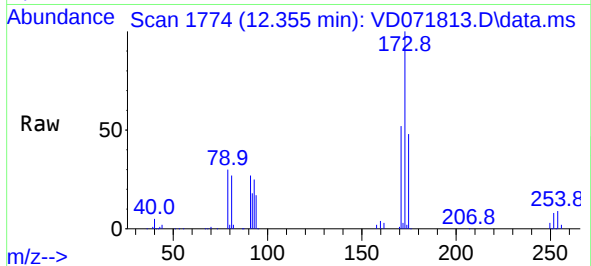
Tgt Ion:104 Resp: 800062
Ion Ratio Lower Upper
104 100
78 51.0 41.8 62.8
103 54.6 44.2 66.4





#71
Bromoform
Concen: 50.362 ug/l
RT: 12.355 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33

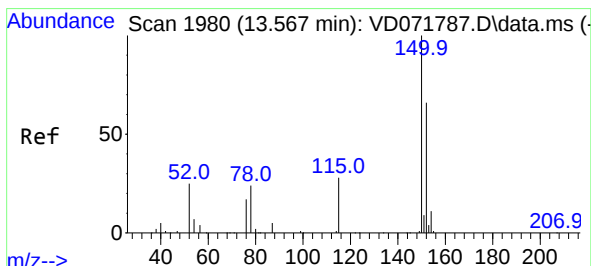
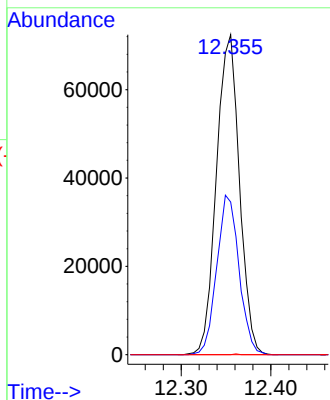
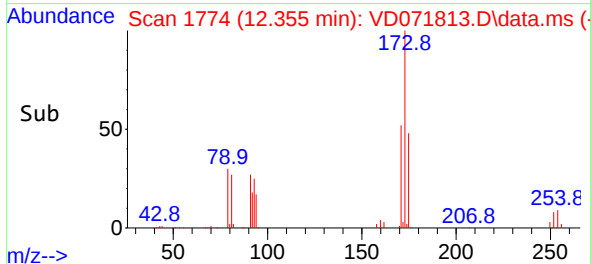
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



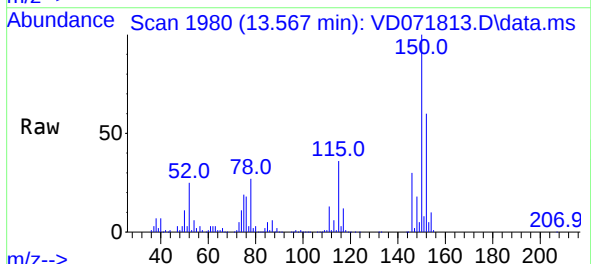
Tgt Ion:173 Resp: 12888
Ion Ratio Lower Upper
173 100
175 48.3 23.9 71.8
254 0.1 0.0 0.0

Manual Integrations
APPROVED

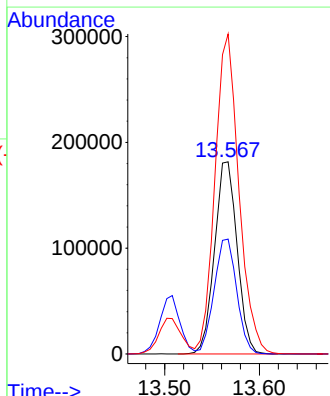
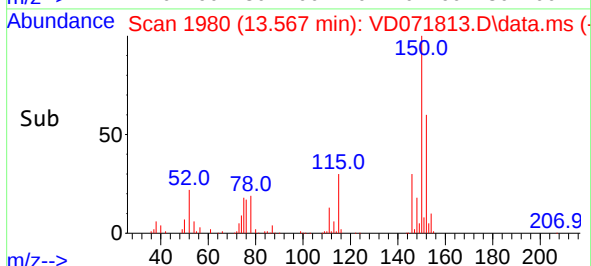
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

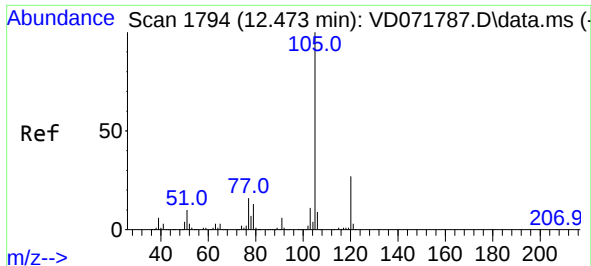


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33



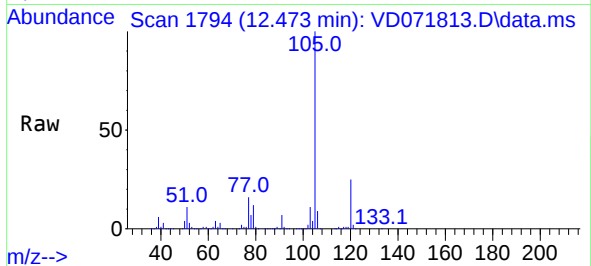
Tgt Ion:152 Resp: 300942
Ion Ratio Lower Upper
152 100
115 60.1 31.3 93.8
150 176.3 0.0 348.6





#73
Isopropylbenzene
Concen: 50.803 ug/l
RT: 12.473 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33

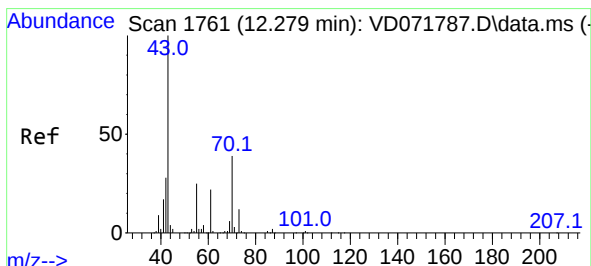
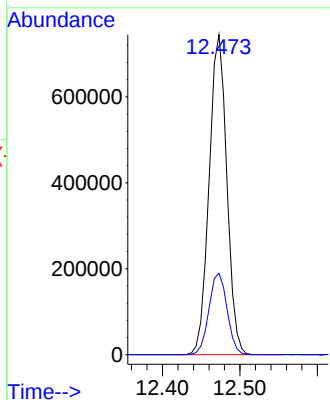
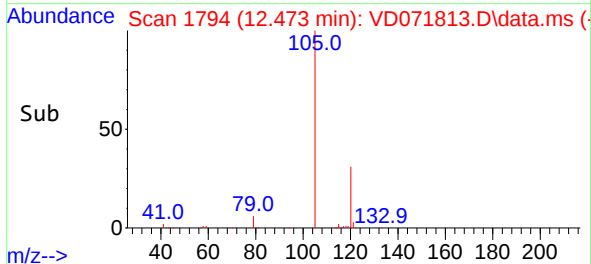
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



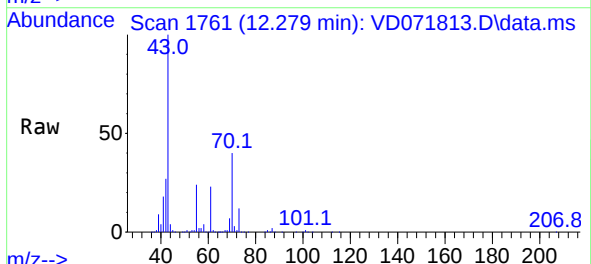
Tgt Ion:105 Resp: 1183890
Ion Ratio Lower Upper
105 100
120 26.1 13.0 38.9

Manual Integrations
APPROVED

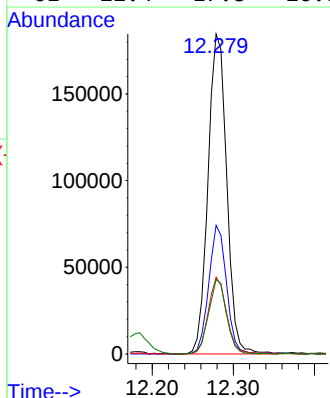
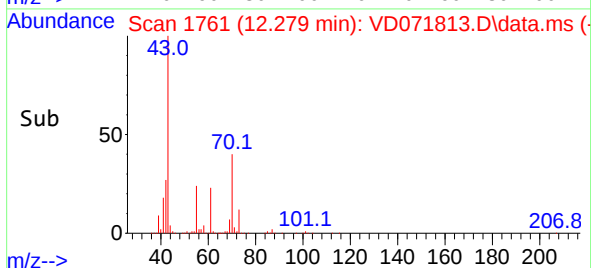
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

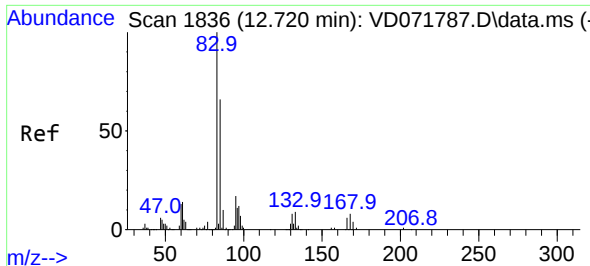


#74
N-ethyl acetate
Concen: 51.468 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33



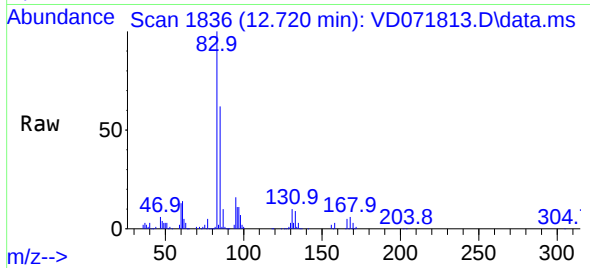
Tgt Ion: 43 Resp: 294953
Ion Ratio Lower Upper
43 100
70 38.2 31.3 46.9
55 23.3 20.0 30.0
61 22.4 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 48.482 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33

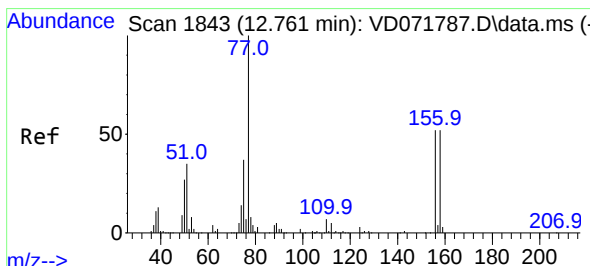
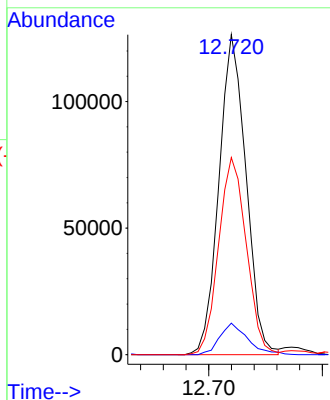
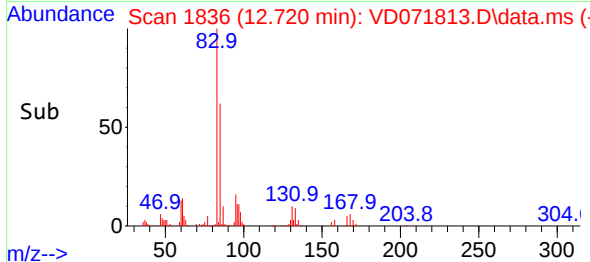
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



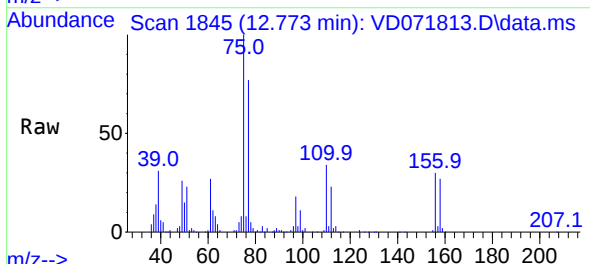
Tgt Ion: 83 Resp: 20907
Ion Ratio Lower Upper
83 100
131 10.2 5.0 14.9
85 63.1 32.6 98.0

Manual Integrations
APPROVED

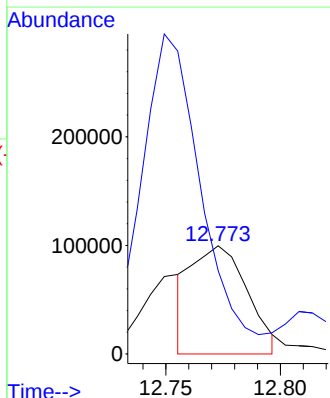
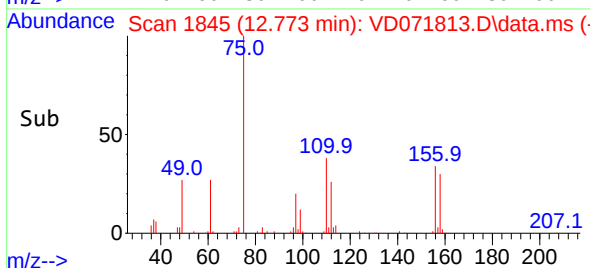
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

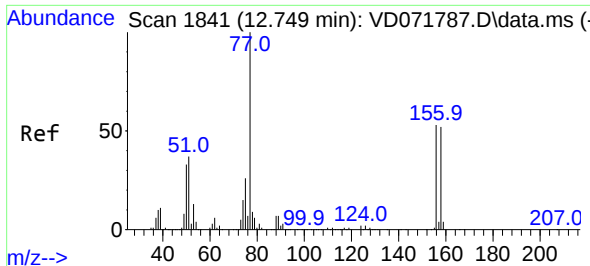


#76
1,2,3-Trichloropropane
Concen: 53.096 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33



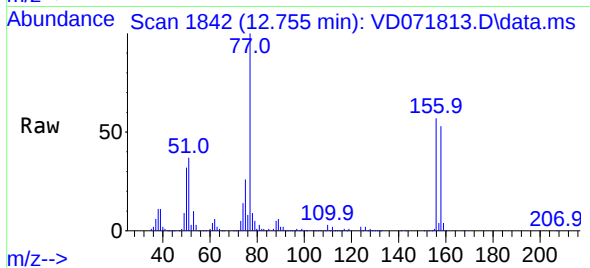
Tgt Ion: 75 Resp: 168398
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 52.036 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33

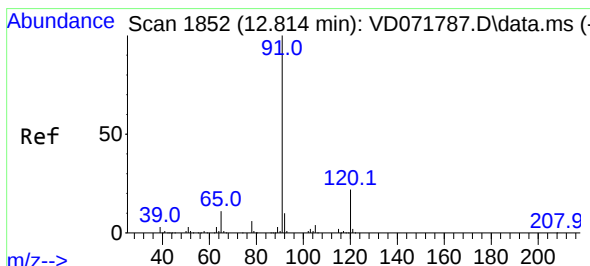
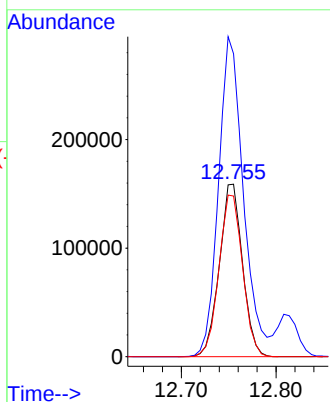
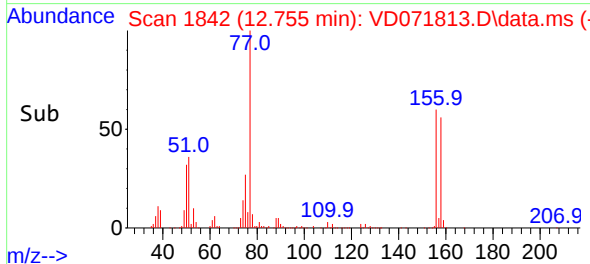
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



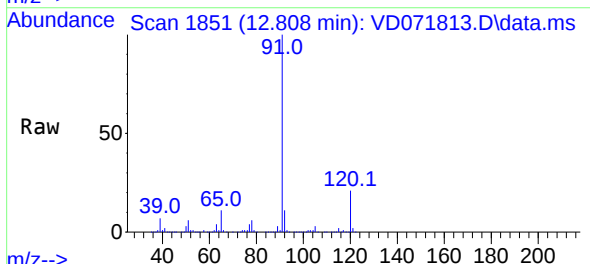
Tgt Ion:156 Resp: 26974
Ion Ratio Lower Upper
156 100
77 198.8 102.8 308.3
158 95.6 48.7 146.1

Manual Integrations
APPROVED

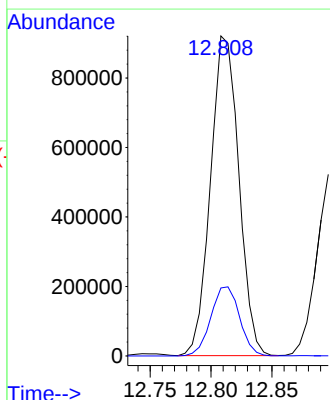
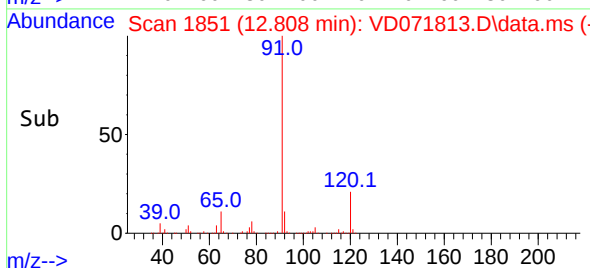
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

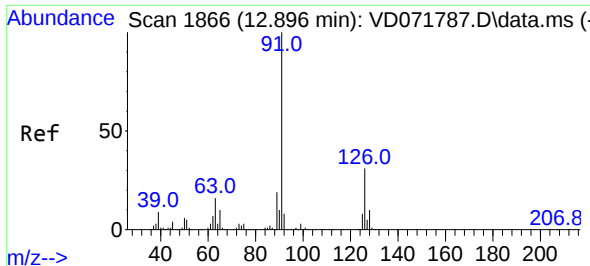


#78
n-propylbenzene
Concen: 51.007 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33



Tgt Ion: 91 Resp: 1490433
Ion Ratio Lower Upper
91 100
120 22.0 10.9 32.9





#79
2-Chlorotoluene
Concen: 52.591 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33

Instrument :

MSVOA_D

ClientSampleId :

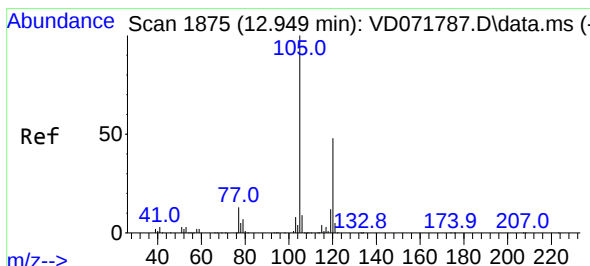
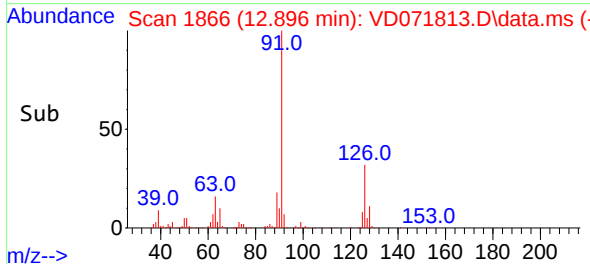
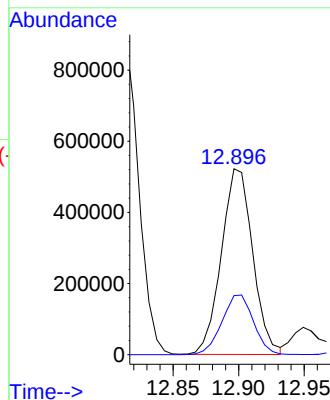
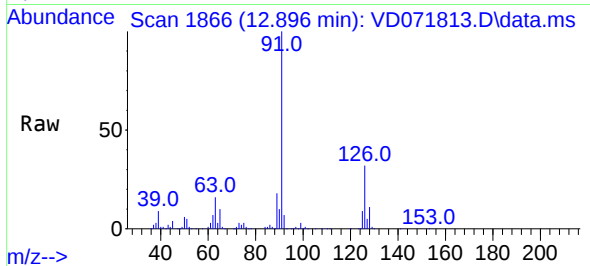
VSTDCCC050EC

Tgt Ion: 91 Resp: 87084
Ion Ratio Lower Upper
91 100
126 32.5 16.2 48.6

Manual Integrations

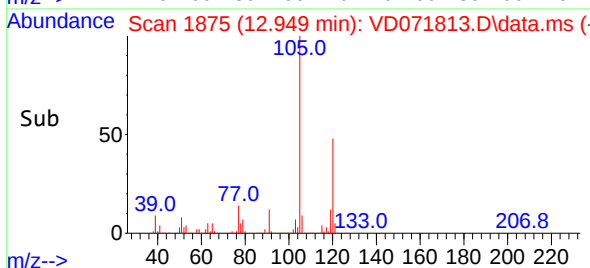
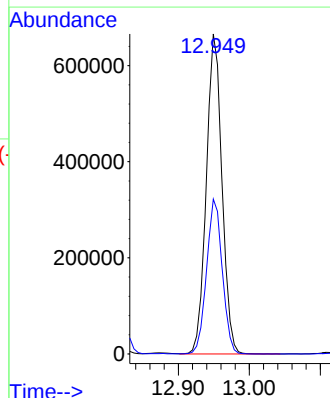
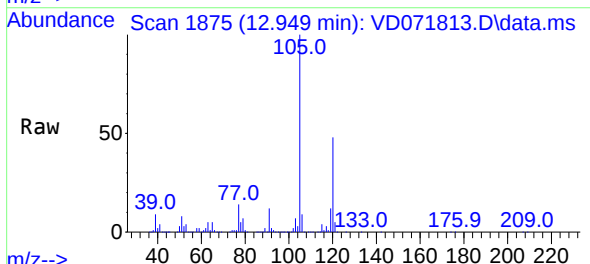
APPROVED

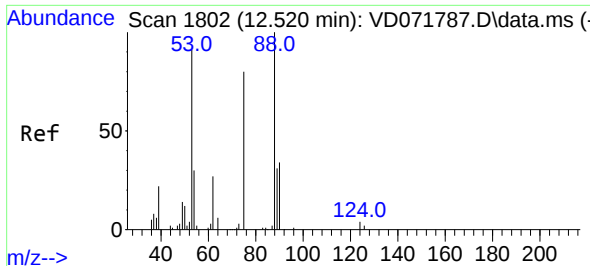
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#80
1,3,5-Trimethylbenzene
Concen: 52.822 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33

Tgt Ion:105 Resp: 1020987
Ion Ratio Lower Upper
105 100
120 48.6 24.3 72.8





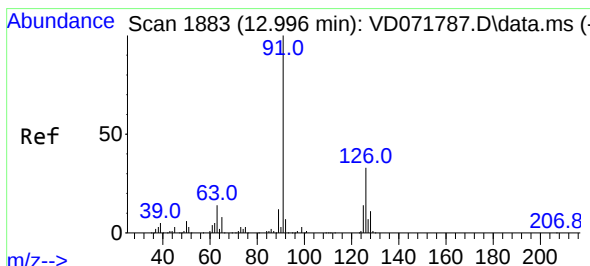
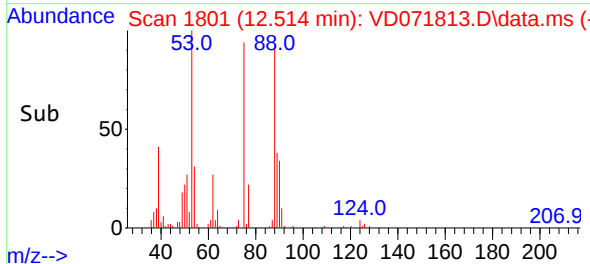
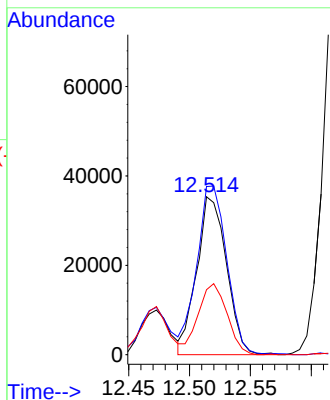
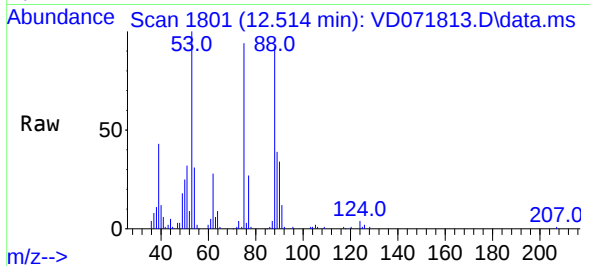
#81
trans-1,4-Dichloro-2-butene
Concen: 46.629 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. -0.006 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 6014
Ion Ratio Lower Upper
75 100
53 108.4 86.5 129.7
89 42.7 33.9 50.9

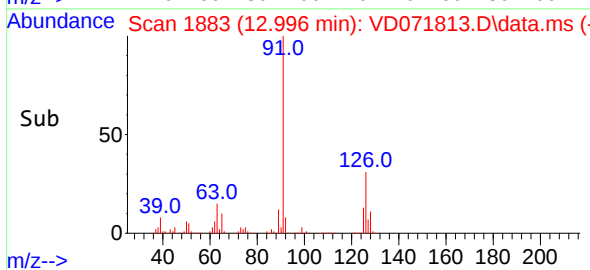
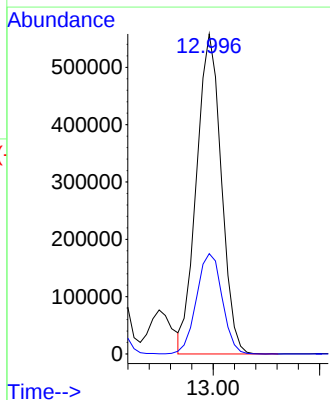
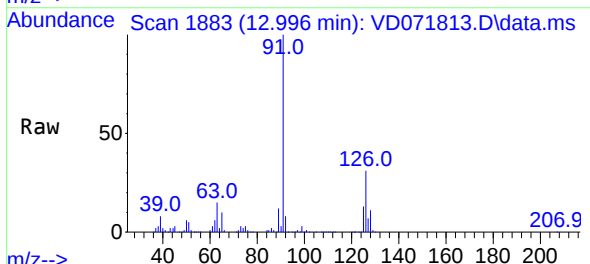
Manual Integrations
APPROVED

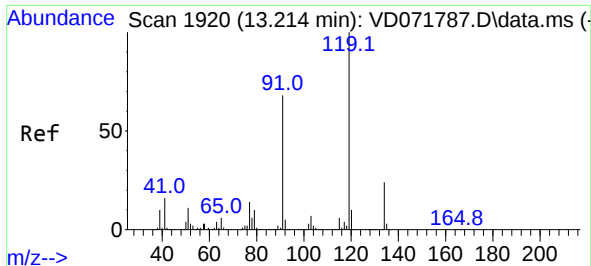
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#82
4-Chlorotoluene
Concen: 52.428 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33

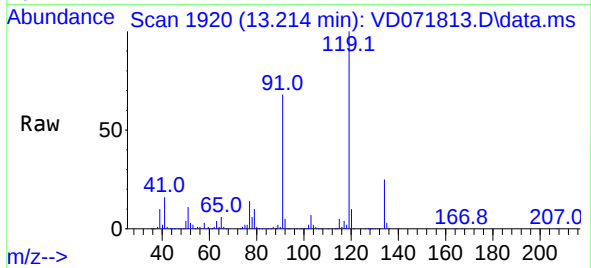
Tgt Ion: 91 Resp: 903202
Ion Ratio Lower Upper
91 100
126 32.5 16.5 49.5





#83
tert-Butylbenzene
Concen: 52.201 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. -0.000 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33

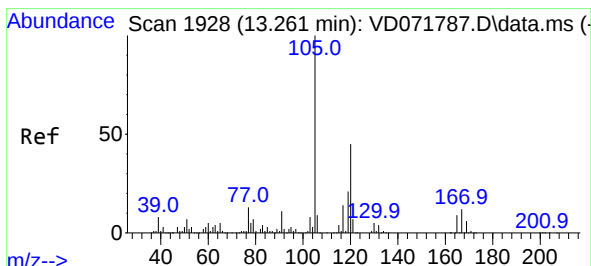
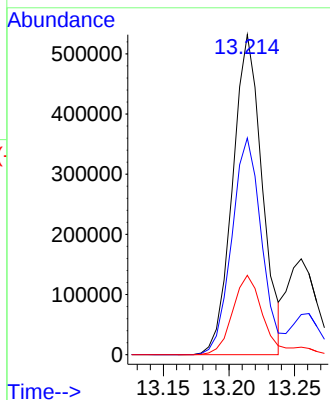
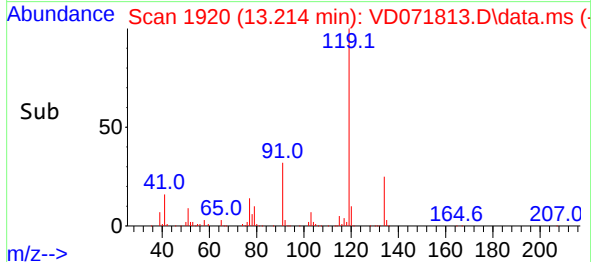
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



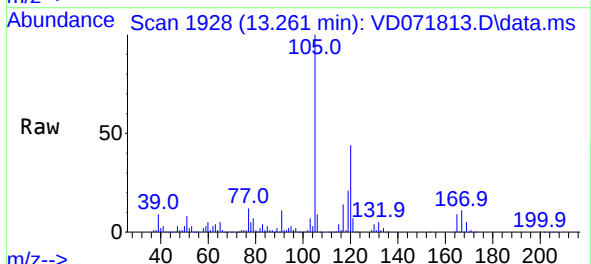
Tgt Ion:119 Resp: 836209
Ion Ratio Lower Upper
119 100
91 69.0 34.8 104.5
134 26.6 13.3 39.9

Manual Integrations
APPROVED

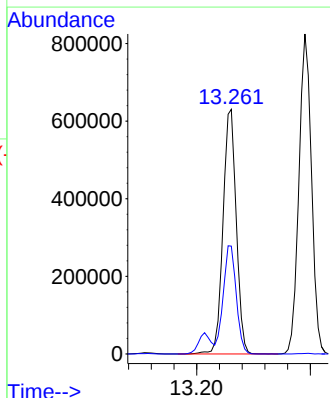
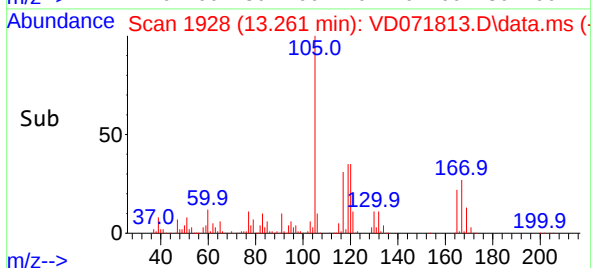
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

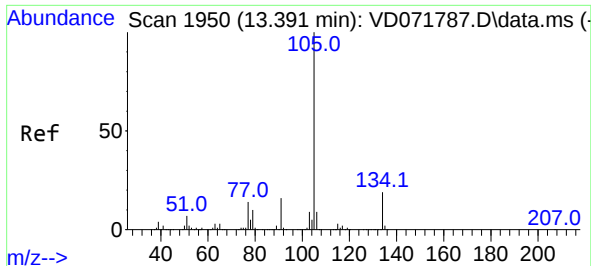


#84
1,2,4-Trimethylbenzene
Concen: 53.823 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. -0.000 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33



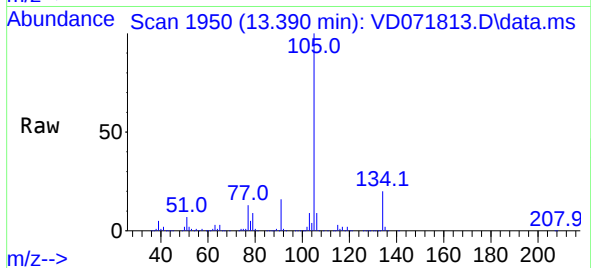
Tgt Ion:105 Resp: 1023354
Ion Ratio Lower Upper
105 100
120 43.5 22.3 66.8





#85
 sec-Butylbenzene
 Concen: 50.429 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VD071813.D
 Acq: 27 Jan 2022 20:33

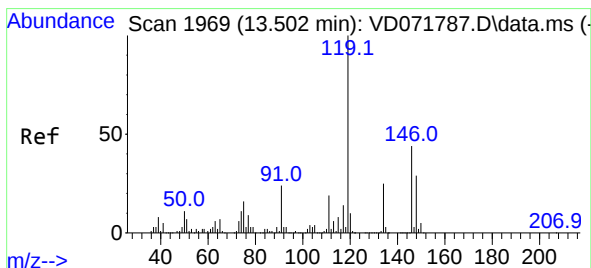
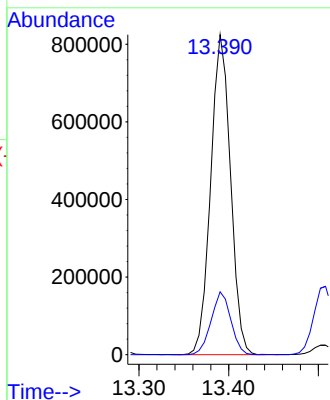
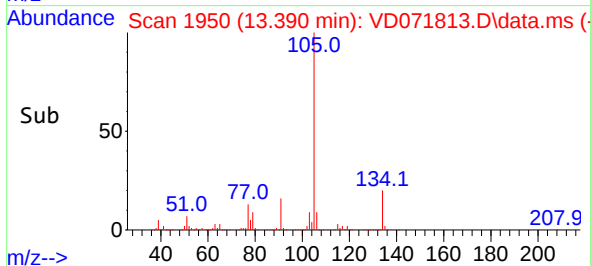
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



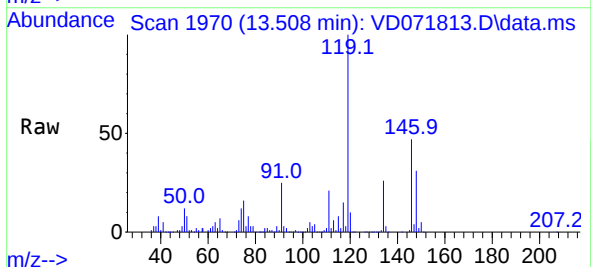
Tgt Ion:105 Resp: 1263997
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.3

Manual Integrations
 APPROVED

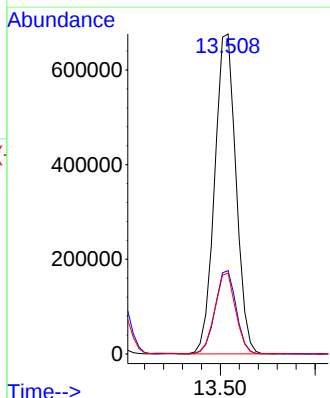
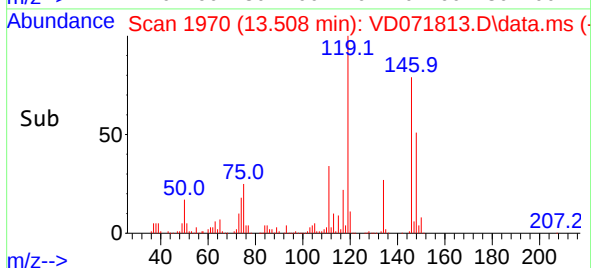
Reviewed By :John Carlone 01/28/2022
 Supervised By :Mahesh Dadoda 01/28/2022

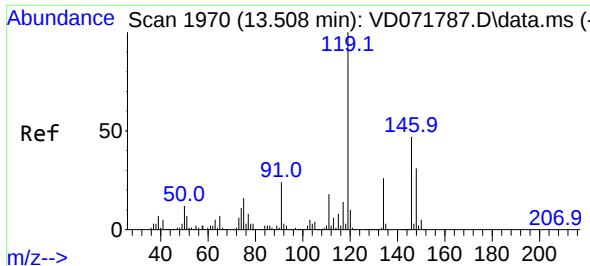


#86
 p-Isopropyltoluene
 Concen: 51.931 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. 0.006 min
 Lab File: VD071813.D
 Acq: 27 Jan 2022 20:33



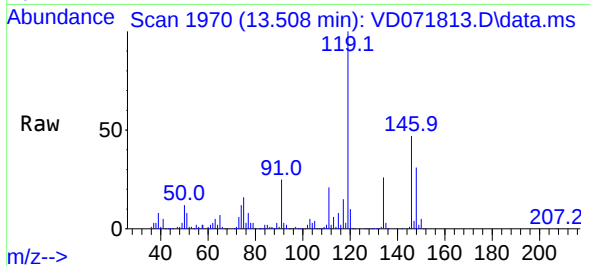
Tgt Ion:119 Resp: 1057725
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.9 38.6
 91 24.5 12.1 36.3





#87
1,3-Dichlorobenzene
Concen: 51.414 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. -0.000 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33

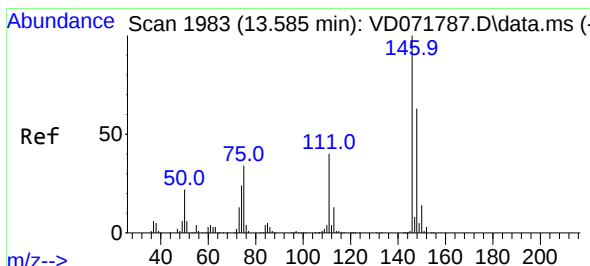
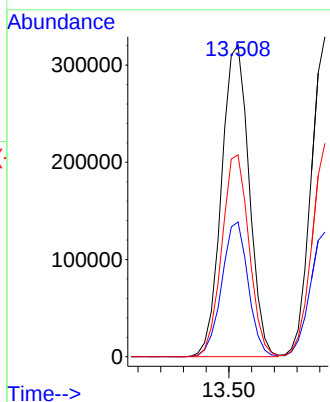
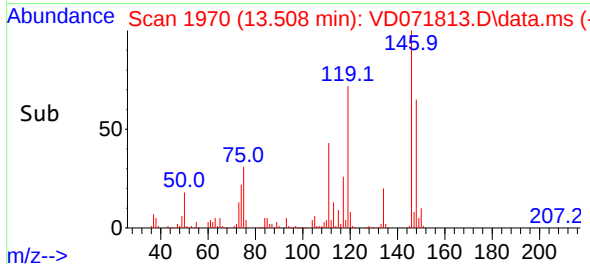
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



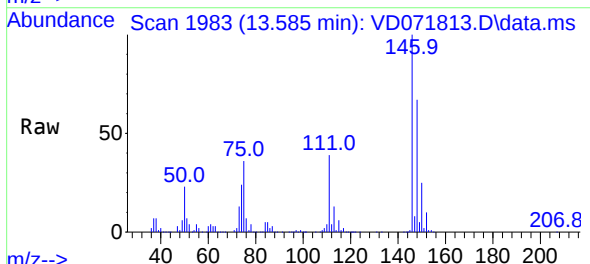
Tgt Ion:146 Resp: 541189
Ion Ratio Lower Upper
146 100
111 41.5 20.4 61.3
148 63.7 31.9 95.7

Manual Integrations
APPROVED

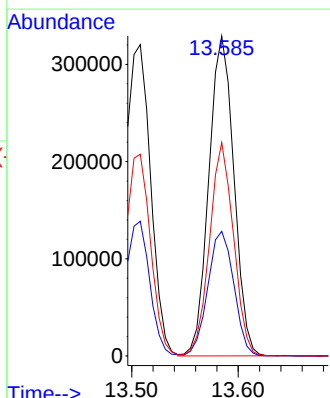
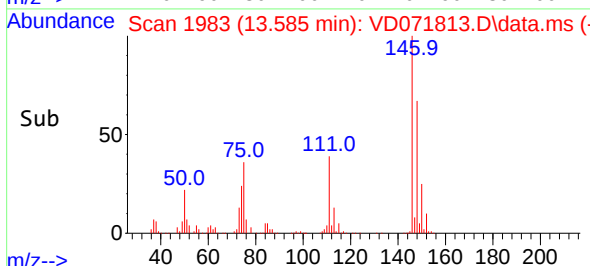
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

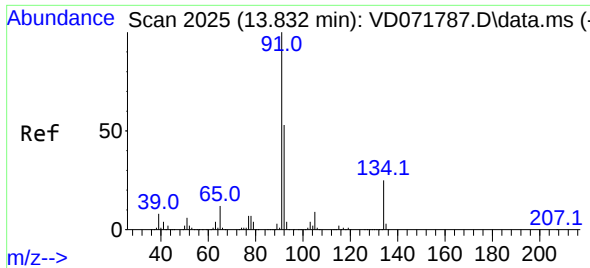


#88
1,4-Dichlorobenzene
Concen: 51.190 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33



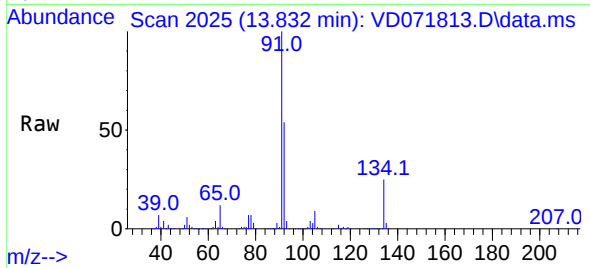
Tgt Ion:146 Resp: 537766
Ion Ratio Lower Upper
146 100
111 40.5 20.3 60.9
148 63.8 31.7 95.1





#89
n-Butylbenzene
Concen: 50.478 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33

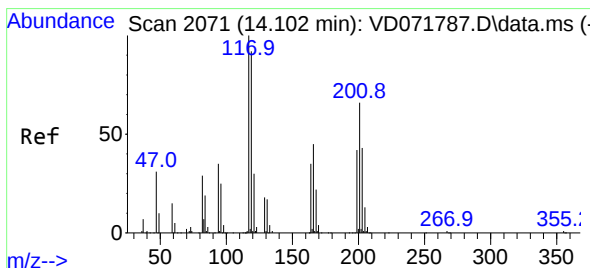
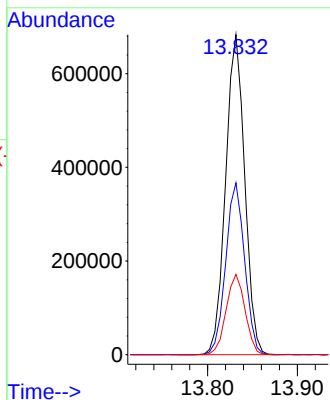
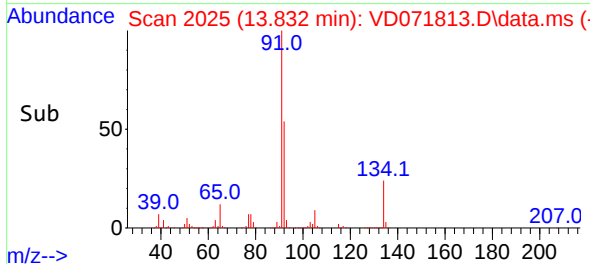
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 100871
Ion Ratio Lower Upper
91 100
92 53.2 26.6 79.8
134 24.9 12.3 36.9

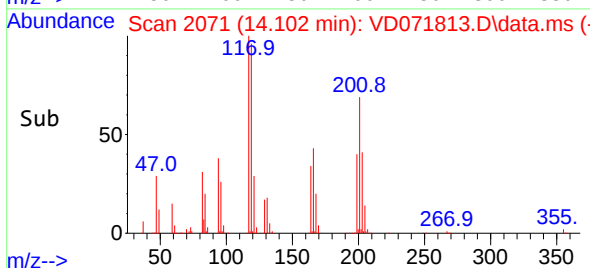
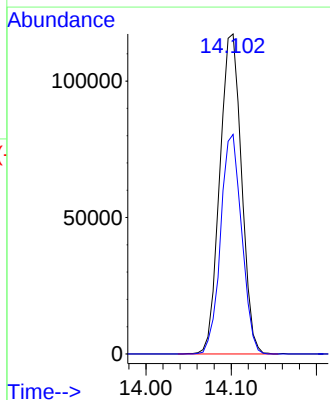
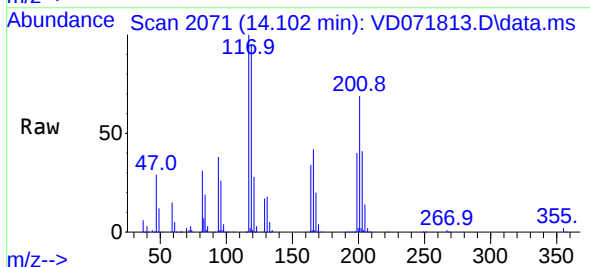
Manual Integrations
APPROVED

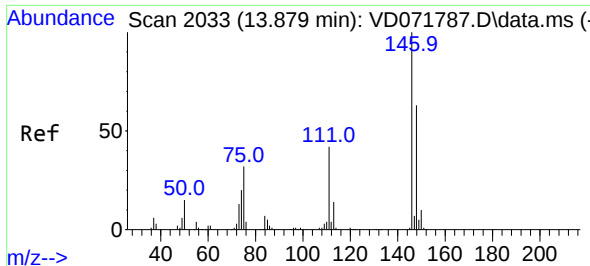
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#90
Hexachloroethane
Concen: 51.349 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. -0.000 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33

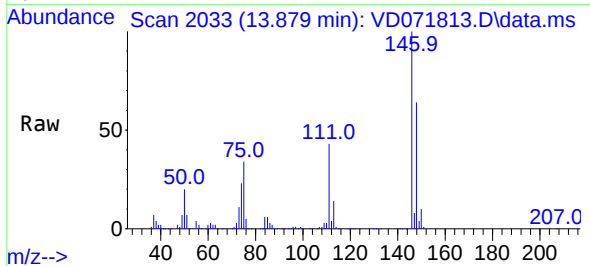
Tgt Ion:117 Resp: 207890
Ion Ratio Lower Upper
117 100
201 66.5 33.4 100.2





#91
1,2-Dichlorobenzene
Concen: 51.908 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. -0.000 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33

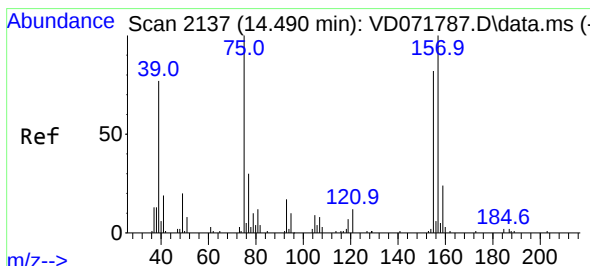
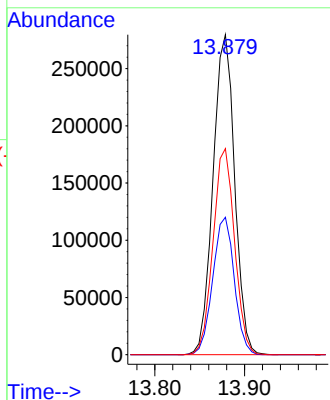
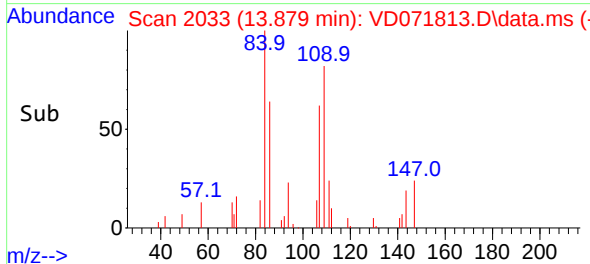
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



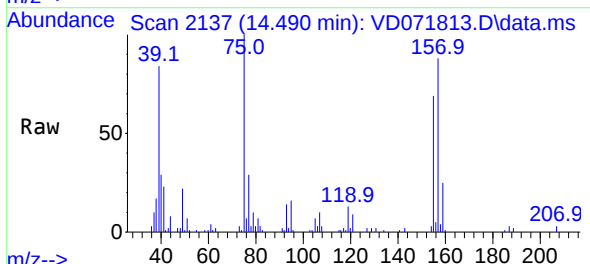
Tgt Ion:146 Resp: 467584
Ion Ratio Lower Upper
146 100
111 42.9 21.1 63.3
148 64.2 31.7 95.1

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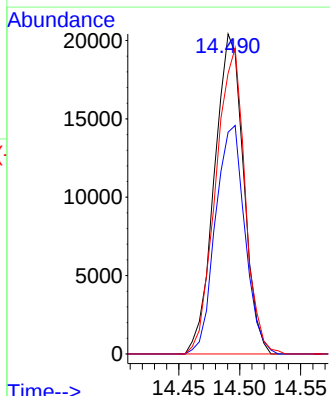
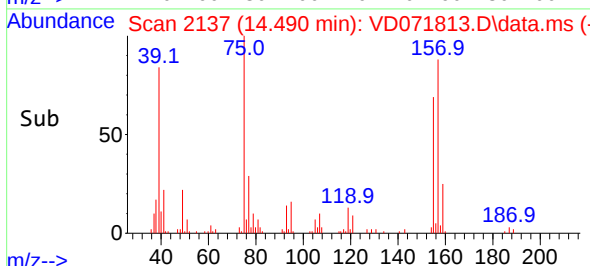
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

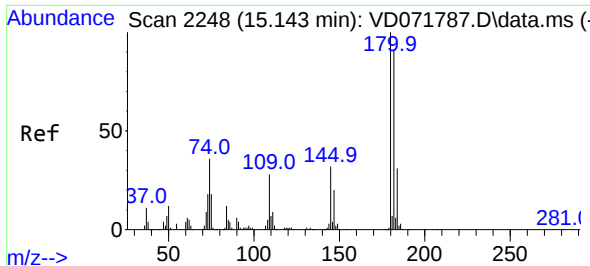


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.658 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33



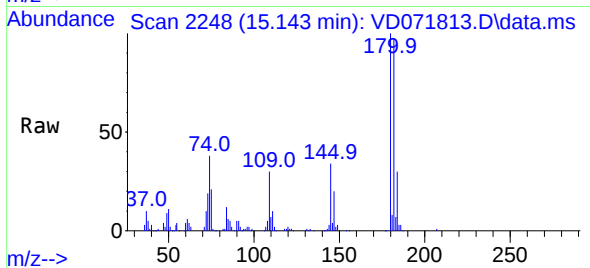
Tgt Ion: 75 Resp: 34037
Ion Ratio Lower Upper
75 100
155 72.1 36.8 110.3
157 95.5 48.4 145.0





#93
1,2,4-Trichlorobenzene
Concen: 52.145 ug/l
RT: 15.143 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33

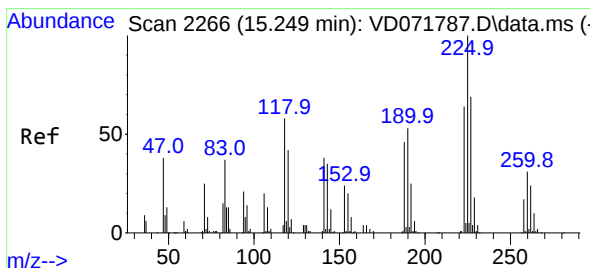
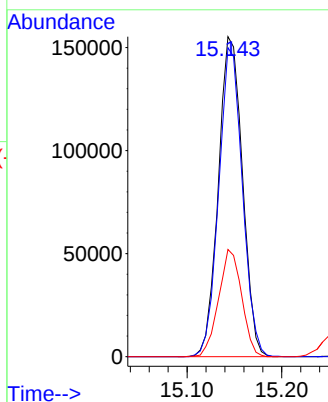
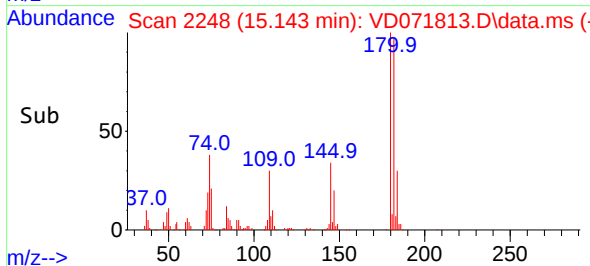
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



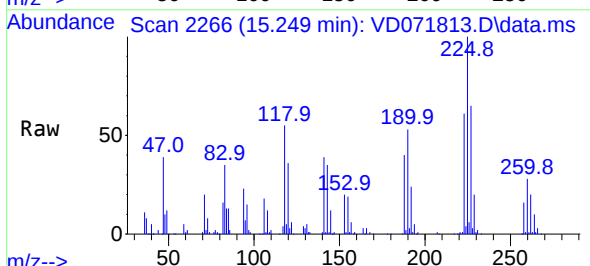
Tgt Ion:180 Resp: 274399
Ion Ratio Lower Upper
180 100
182 94.8 47.3 142.0
145 32.1 16.2 48.5

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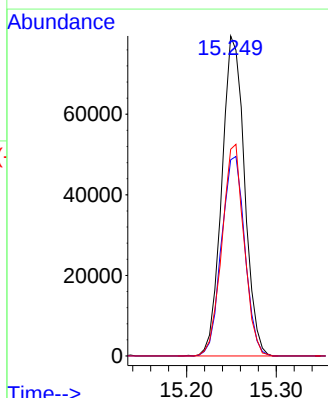
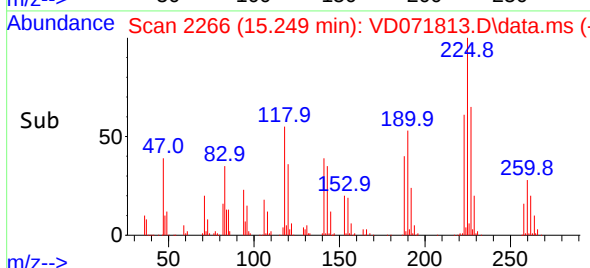
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

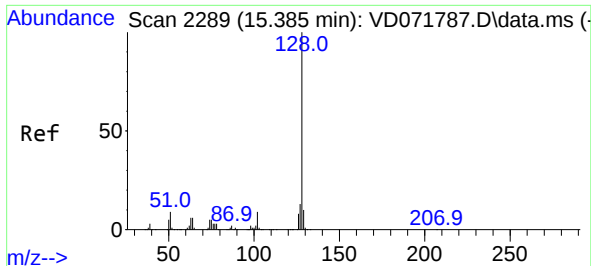


#94
Hexachlorobutadiene
Concen: 48.520 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. -0.000 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33



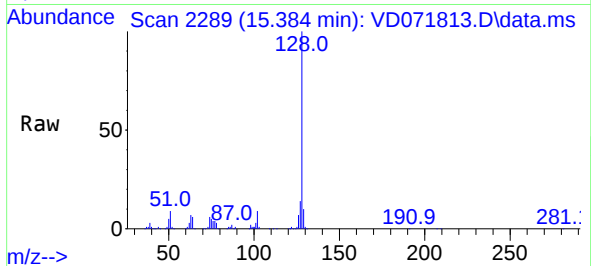
Tgt Ion:225 Resp: 139219
Ion Ratio Lower Upper
225 100
223 64.0 31.1 93.2
227 64.4 32.4 97.0





#95
Naphthalene
Concen: 48.458 ug/l
RT: 15.384 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33

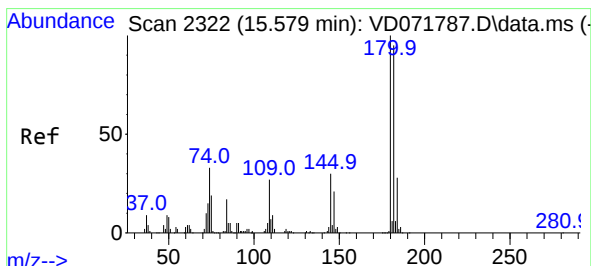
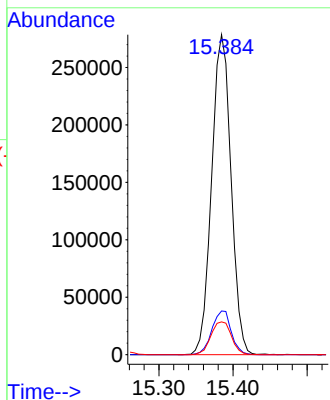
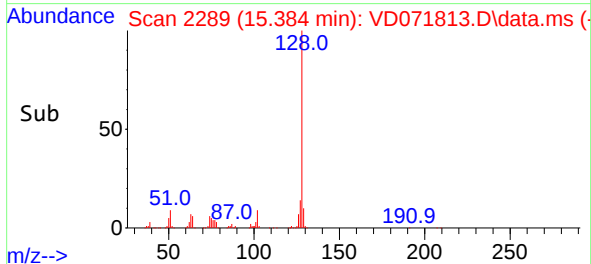
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



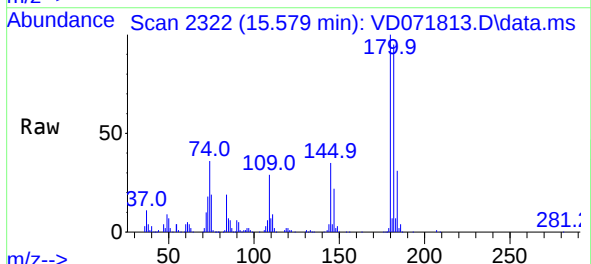
Tgt Ion:128 Resp: 506100
Ion Ratio Lower Upper
128 100
127 13.7 10.3 15.5
129 10.9 8.4 12.6

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 52.283 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VD071813.D
Acq: 27 Jan 2022 20:33



Tgt Ion:180 Resp: 235821
Ion Ratio Lower Upper
180 100
182 93.8 47.6 142.9
145 34.0 17.1 51.3

