

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042522\
 Data File : VD072704.D
 Acq On : 25 Apr 2022 13:03
 Operator : VA/SY
 Sample : VD0425SBS02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0425SBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/26/2022
 Supervised By : Mahesh Dadoda 04/26/2022

Quant Time: Apr 26 01:13:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	351527	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	578332	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	531152	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	278634	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	211467	49.729	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.460%		
35) Dibromofluoromethane	7.908	113	224061	49.853	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.700%		
50) Toluene-d8	10.332	98	743324	47.579	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	95.160%		
62) 4-Bromofluorobenzene	12.620	95	304757	49.948	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	99.900%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	46577	16.695	ug/l	96
3) Chloromethane	2.209	50	54010	20.931	ug/l	100
4) Vinyl Chloride	2.350	62	53810	18.748	ug/l	95
5) Bromomethane	2.750	94	38243	19.233	ug/l	91
6) Chloroethane	2.909	64	40307	21.208	ug/l	97
7) Trichlorofluoromethane	3.267	101	123427	20.383	ug/l	93
8) Diethyl Ether	3.709	74	34778	19.326	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.097	101	81067	20.074	ug/l	96
10) Methyl Iodide	4.297	142	63124	19.248	ug/l	99
11) Tert butyl alcohol	5.203	59	49846	221.966	ug/l #	85
12) 1,1-Dichloroethene	4.067	96	63470	20.102	ug/l	91
13) Acrolein	3.914	56	10620	106.569	ug/l	92
14) Allyl chloride	4.709	41	104312	19.517	ug/l	89
15) Acrylonitrile	5.408	53	91035	101.155	ug/l	96
16) Acetone	4.156	43	89483	112.851	ug/l	99
17) Carbon Disulfide	4.403	76	115957	19.354	ug/l	98
18) Methyl Acetate	4.709	43	37556	16.812	ug/l #	88
19) Methyl tert-butyl Ether	5.479	73	180720	19.610	ug/l	96
20) Methylene Chloride	4.961	84	102608	21.737	ug/l	85
21) trans-1,2-Dichloroethene	5.467	96	72283	19.228	ug/l	95
22) Diisopropyl ether	6.361	45	253770	20.005	ug/l #	91
23) Vinyl Acetate	6.297	43	660215	100.618	ug/l #	93
24) 1,1-Dichloroethane	6.255	63	155521	20.345	ug/l	99
25) 2-Butanone	7.197	43	114983	104.850	ug/l #	89
26) 2,2-Dichloropropane	7.202	77	139173	20.498	ug/l	98
27) cis-1,2-Dichloroethene	7.202	96	92818	19.362	ug/l	92
28) Bromochloromethane	7.538	49	73624	22.479	ug/l #	78
29) Tetrahydrofuran	7.555	42	66010	99.699	ug/l #	88
30) Chloroform	7.702	83	170358	19.812	ug/l	99
31) Cyclohexane	7.979	56	112323	20.201	ug/l #	84
32) 1,1,1-Trichloroethane	7.897	97	152751	20.944	ug/l	95
36) 1,1-Dichloropropene	8.108	75	108603	19.608	ug/l	98
37) Ethyl Acetate	7.285	43	50039	21.012	ug/l #	92
38) Carbon Tetrachloride	8.091	117	130457	21.069	ug/l	99
39) Methylcyclohexane	9.349	83	119352	19.693	ug/l	95
40) Benzene	8.344	78	326096	20.775	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	22204m	17.083	ug/l	
42) 1,2-Dichloroethane	8.414	62	98361	20.502	ug/l	96
43) Isopropyl Acetate	8.444	43	92694	20.291	ug/l #	91
44) Trichloroethene	9.108	130	90411	20.289	ug/l	95
45) 1,2-Dichloropropane	9.379	63	89208	20.431	ug/l	97
46) Dibromomethane	9.467	93	46426	20.266	ug/l	97
47) Bromodichloromethane	9.655	83	133331	20.259	ug/l	96
48) Methyl methacrylate	9.449	41	47039	21.210	ug/l	90
49) 1,4-Dioxane	9.461	88	12012	440.802	ug/l	89
51) 4-Methyl-2-Pentanone	10.220	43	249926	101.963	ug/l	92
52) Toluene	10.396	92	213798	20.503	ug/l	97
53) t-1,3-Dichloropropene	10.608	75	117322	20.457	ug/l	95
54) cis-1,3-Dichloropropene	10.079	75	136619	20.149	ug/l #	87
55) 1,1,2-Trichloroethane	10.791	97	72397	20.846	ug/l	98
56) Ethyl methacrylate	10.649	69	78526	19.142	ug/l	85
57) 1,3-Dichloropropane	10.932	76	118454	20.631	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	213557	124.552	ug/l	93
59) 2-Hexanone	10.979	43	169233	101.530	ug/l	92
60) Dibromochloromethane	11.132	129	88809	19.824	ug/l	99
61) 1,2-Dibromoethane	11.238	107	62368	20.226	ug/l	97
64) Tetrachloroethene	10.867	164	70194	20.227	ug/l	96
65) Chlorobenzene	11.661	112	245585	20.680	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	95770	20.172	ug/l	99
67) Ethyl Benzene	11.732	91	420383	20.288	ug/l	100
68) m/p-Xylenes	11.843	106	325387	41.392	ug/l	98
69) o-Xylene	12.167	106	155112	20.451	ug/l	95
70) Styrene	12.185	104	274875	20.563	ug/l	97
71) Bromoform	12.349	173	53084	21.091	ug/l #	99
73) Isopropylbenzene	12.467	105	430049	19.111	ug/l	99
74) N-amyl acetate	12.279	43	87939	18.625	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.720	83	83980	19.703	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	60500m	19.908	ug/l	
77) Bromobenzene	12.749	156	98735	19.576	ug/l	94
78) n-propylbenzene	12.808	91	517962	19.080	ug/l	98
79) 2-Chlorotoluene	12.896	91	300280	18.914	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	364519	18.914	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	24078	19.442	ug/l	93
82) 4-Chlorotoluene	12.996	91	320793	19.402	ug/l	98
83) tert-Butylbenzene	13.208	119	320732	19.223	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	364723	19.353	ug/l	100
85) sec-Butylbenzene	13.390	105	485062	19.301	ug/l	99
86) p-Isopropyltoluene	13.502	119	398279	19.389	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	199808	19.118	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	203352	19.305	ug/l	98
89) n-Butylbenzene	13.832	91	367868	18.799	ug/l	98
90) Hexachloroethane	14.096	117	80228	19.078	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	181153	19.652	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	13502	21.419	ug/l	97
93) 1,2,4-Trichlorobenzene	15.143	180	109794	19.216	ug/l	99
94) Hexachlorobutadiene	15.249	225	64214	20.064	ug/l	98
95) Naphthalene	15.384	128	195808	17.637	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	96378	19.326	ug/l	98

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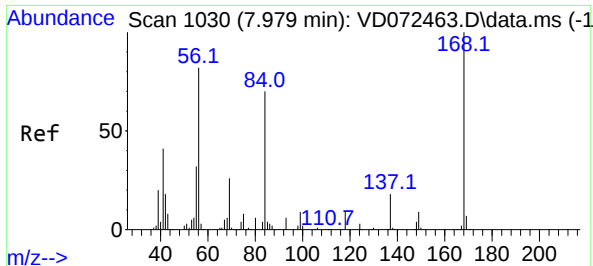
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Wed Mar 30 02:44:36 2022
Response via : Initial Calibration

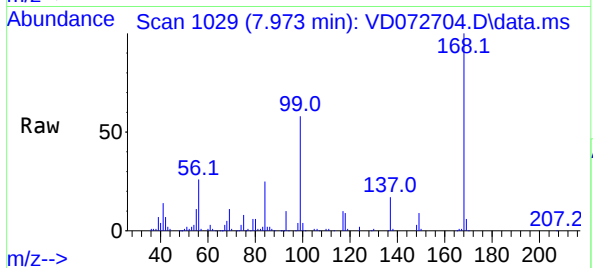
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
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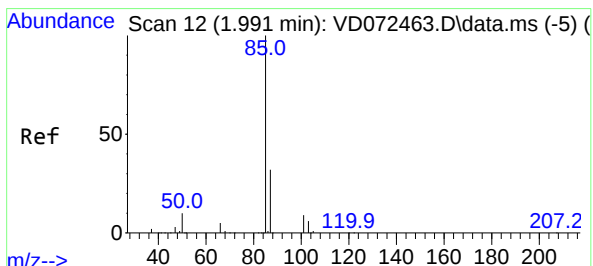
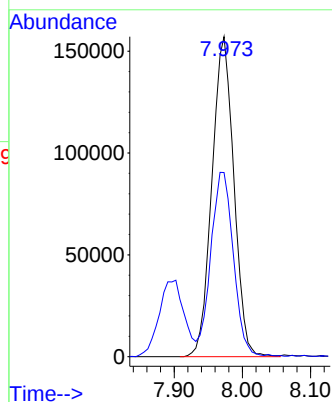
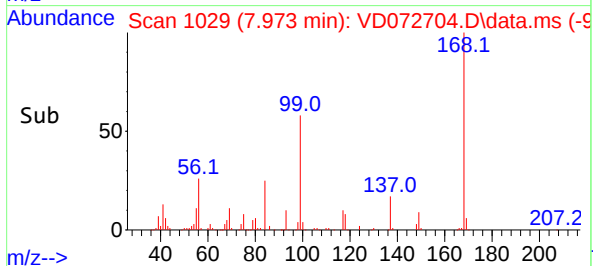
Instrument :
MSVOA_D
ClientSampleId :
VD0425SBS02



Tgt Ion:168 Resp: 35152
Ion Ratio Lower Upper
168 100
99 57.2 49.8 74.6

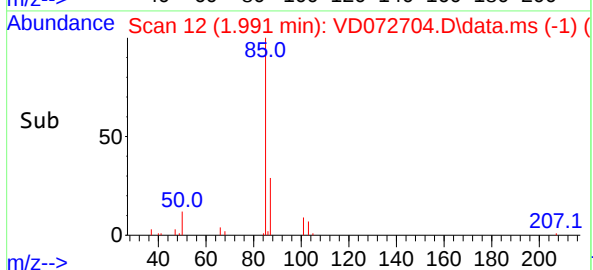
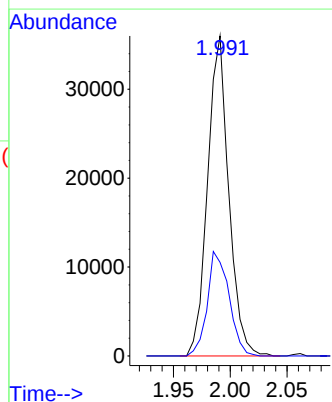
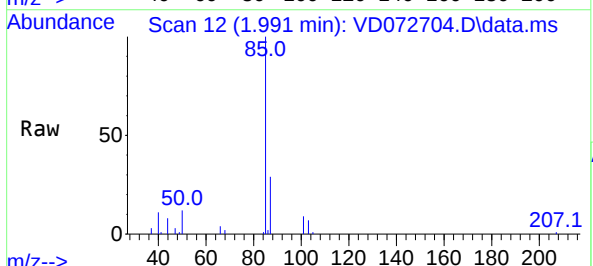
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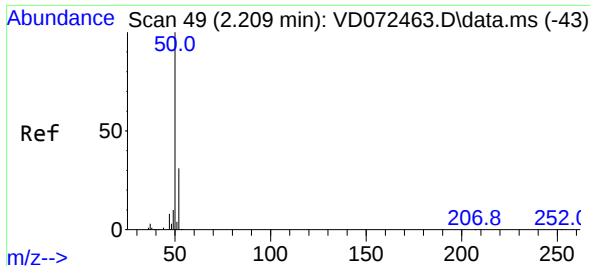
Reviewed By :John Carlone 04/26/2022
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#2
Dichlorodifluoromethane
Concen: 16.695 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03

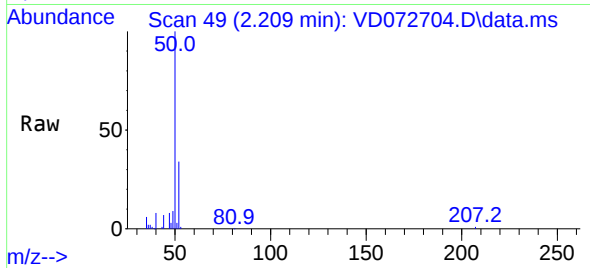
Tgt Ion: 85 Resp: 46577
Ion Ratio Lower Upper
85 100
87 29.2 15.7 47.0





#3
Chloromethane
Concen: 20.931 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03

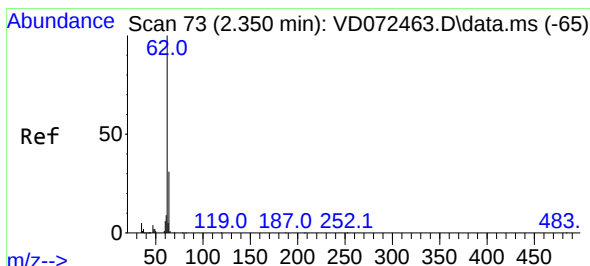
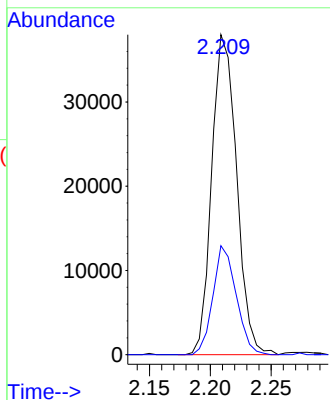
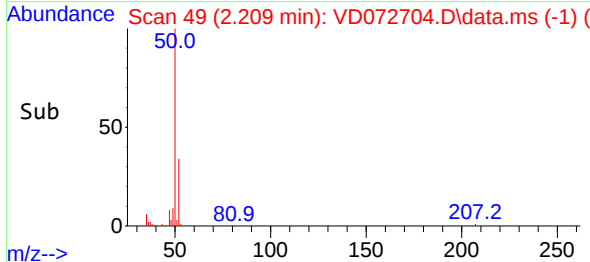
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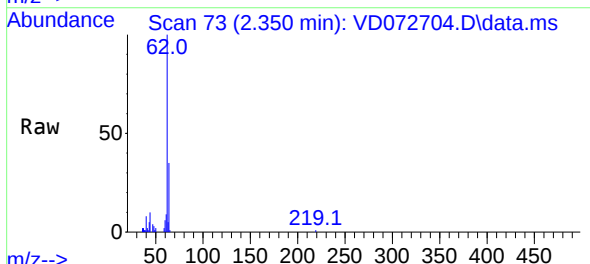
Tgt Ion: 50 Resp: 54010
Ion Ratio Lower Upper
50 100
52 34.1 27.4 41.0

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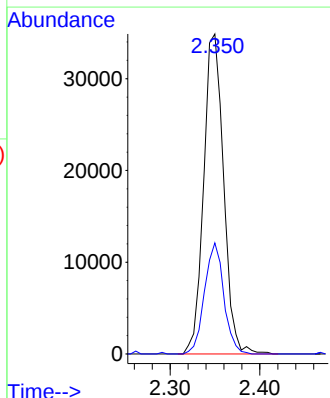
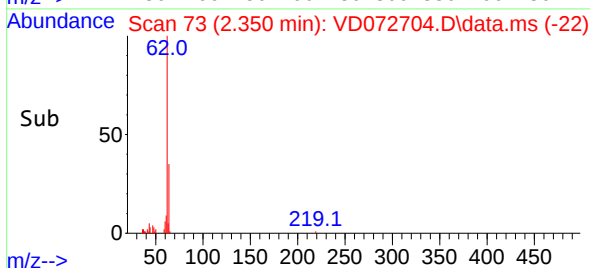
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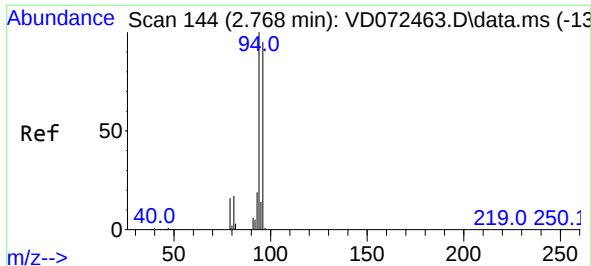


#4
Vinyl Chloride
Concen: 18.748 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03



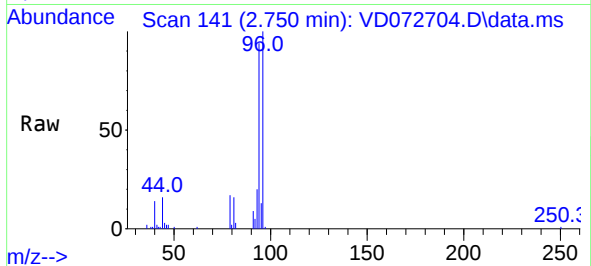
Tgt Ion: 62 Resp: 53810
Ion Ratio Lower Upper
62 100
64 34.7 25.4 38.0





#5
Bromomethane
Concen: 19.233 ug/l
RT: 2.750 min Scan# 144
Delta R.T. -0.018 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03

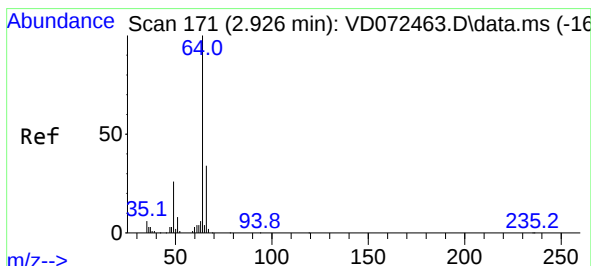
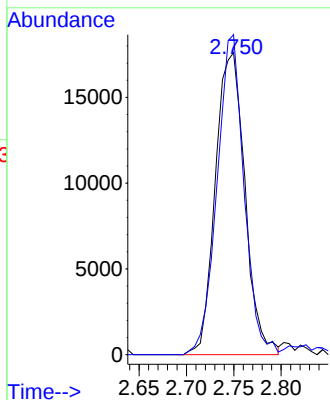
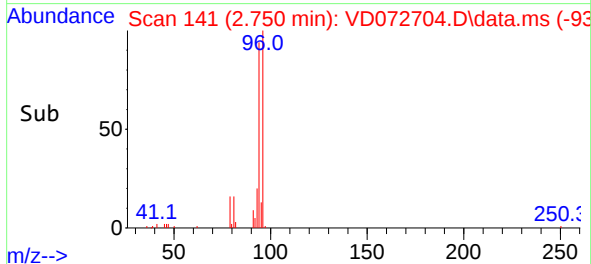
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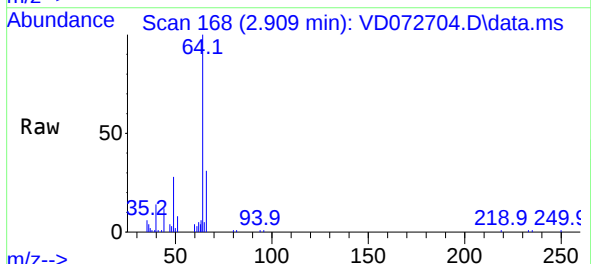
Tgt Ion: 94 Resp: 3824
Ion Ratio Lower Upper
94 100
96 106.0 77.6 116.4

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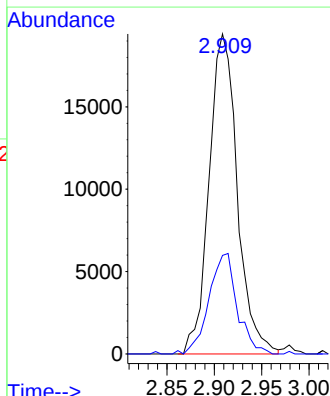
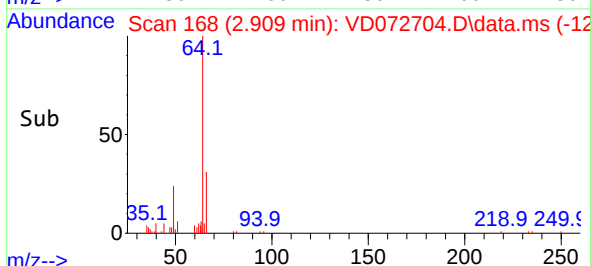
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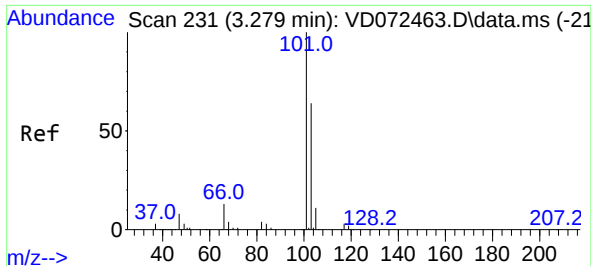


#6
Chloroethane
Concen: 21.208 ug/l
RT: 2.909 min Scan# 168
Delta R.T. -0.018 min
Lab File: VD072704.D
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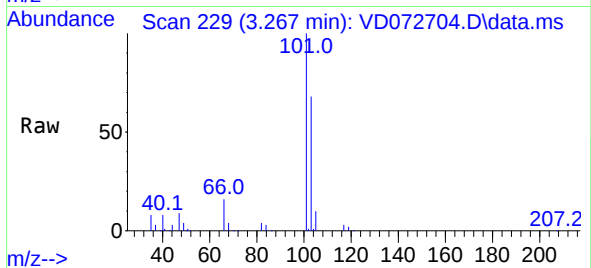
Tgt Ion: 64 Resp: 40307
Ion Ratio Lower Upper
64 100
66 30.8 25.9 38.9





#7
 Trichlorofluoromethane
 Concen: 20.383 ug/l
 RT: 3.267 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VD072704.D
 Acq: 25 Apr 2022 13:03

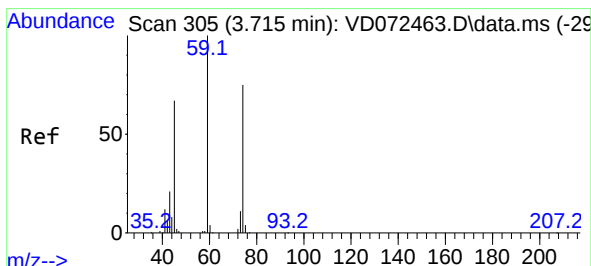
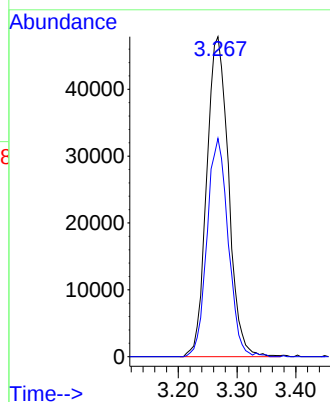
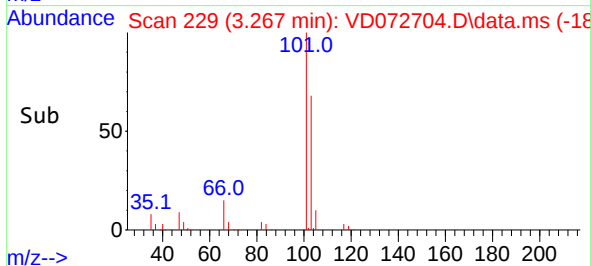
Instrument :
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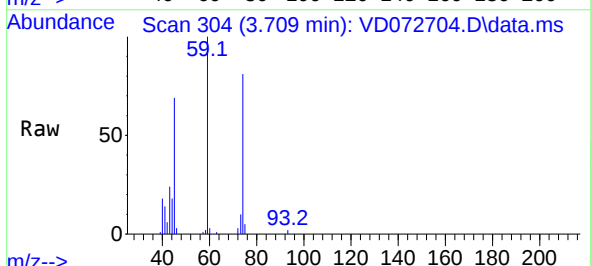
Tgt Ion:101 Resp: 12342
 Ion Ratio Lower Upper
 101 100
 103 68.2 50.1 75.1

Manual Integrations
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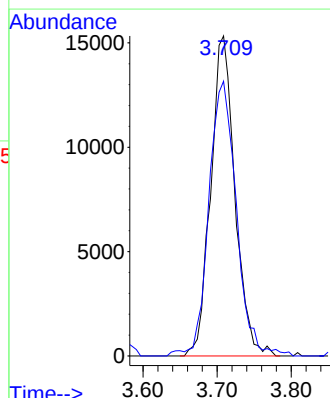
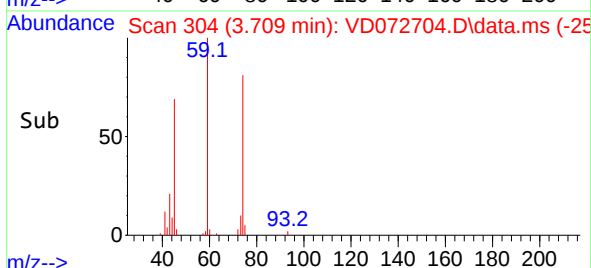
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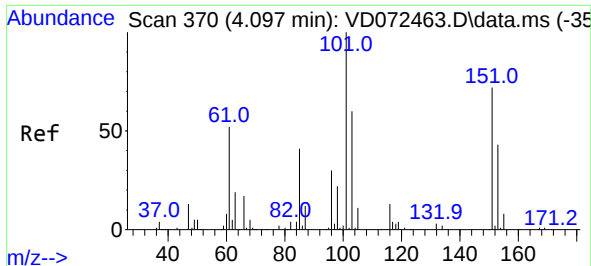


#8
 Diethyl Ether
 Concen: 19.326 ug/l
 RT: 3.709 min Scan# 304
 Delta R.T. -0.006 min
 Lab File: VD072704.D
 Acq: 25 Apr 2022 13:03



Tgt Ion: 74 Resp: 34778
 Ion Ratio Lower Upper
 74 100
 45 97.8 52.6 157.8





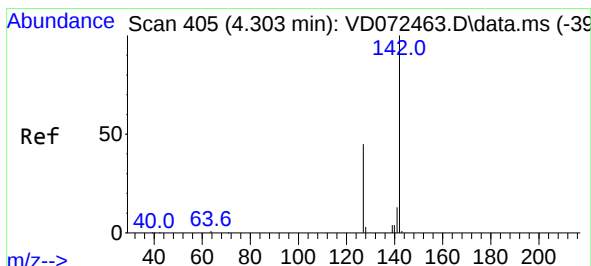
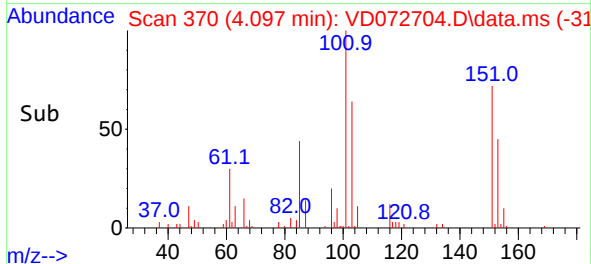
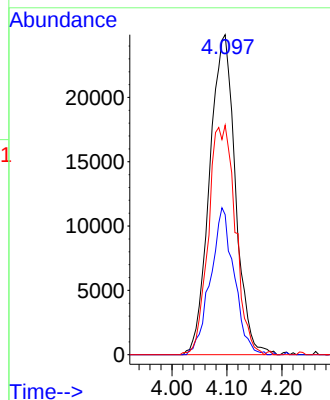
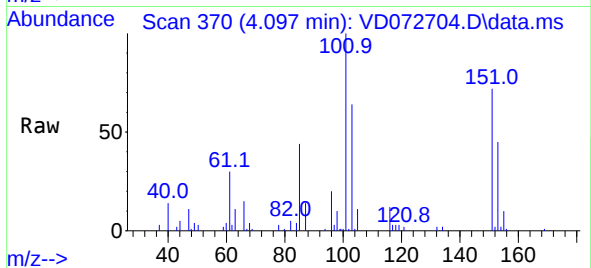
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.074 ug/l
RT: 4.097 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03

Instrument :
MSVOA_D
ClientSampleId :
VD0425SBS02

Tgt Ion:101 Resp: 8106
Ion Ratio Lower Upper
101 100
85 42.2 36.4 54.6
151 74.9 57.3 85.9

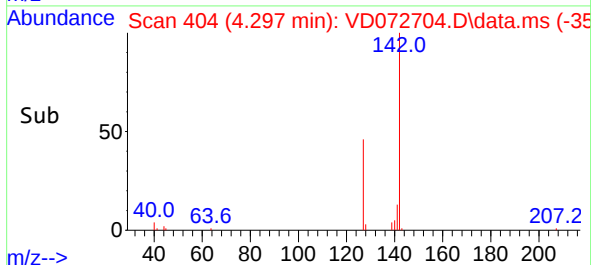
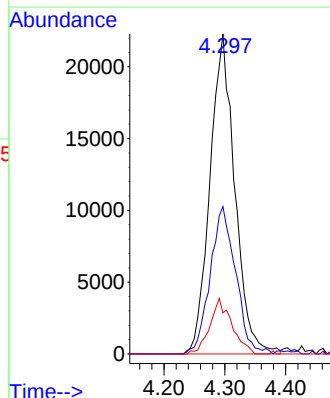
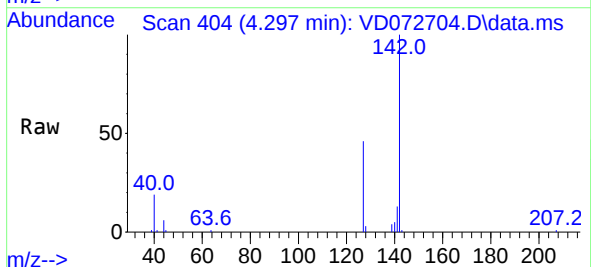
Manual Integrations
APPROVED

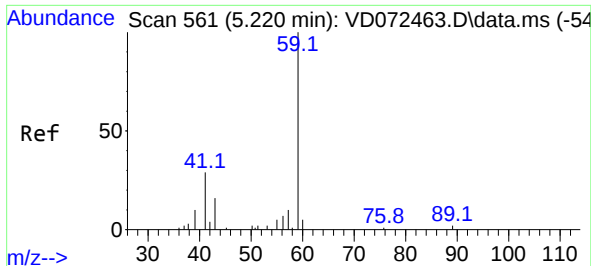
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#10
Methyl Iodide
Concen: 19.248 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03

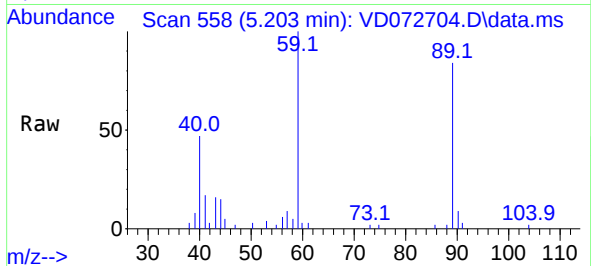
Tgt Ion:142 Resp: 63124
Ion Ratio Lower Upper
142 100
127 47.2 37.3 55.9
141 15.4 11.7 17.5





#11
Tert butyl alcohol
Concen: 221.966 ug/l
RT: 5.203 min Scan# 51
Delta R.T. -0.018 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03

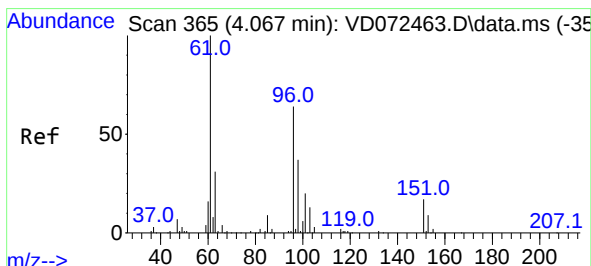
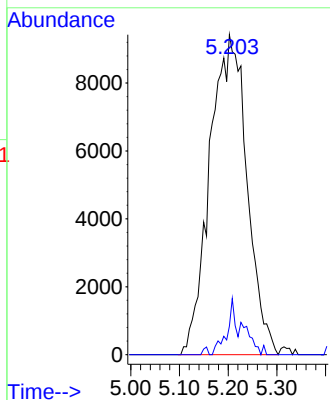
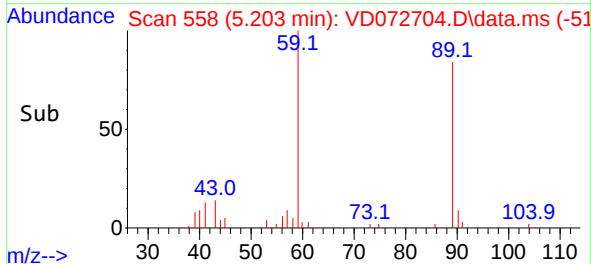
Instrument :
MSVOA_D
ClientSampleId :
VD0425SBS02



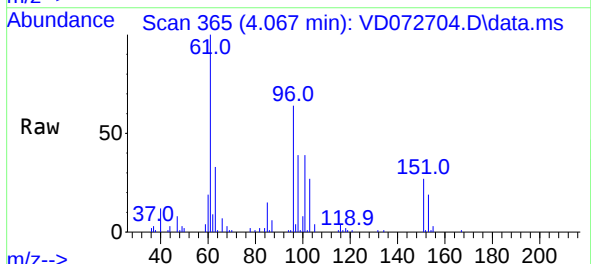
Tgt Ion: 59 Resp: 49840
Ion Ratio Lower Upper
59 100
57 4.1 7.8 11.6

Manual Integrations
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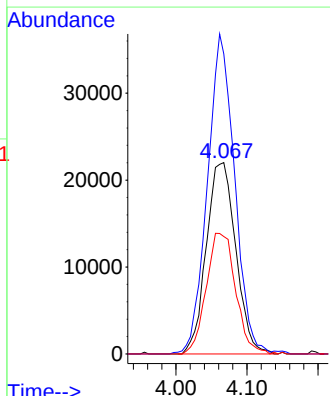
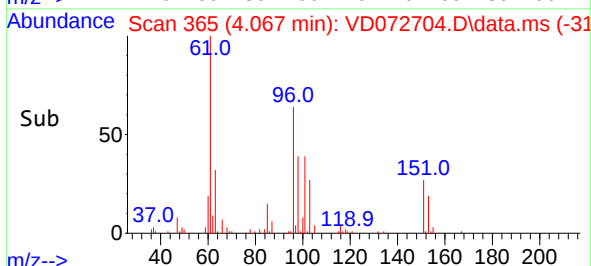
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

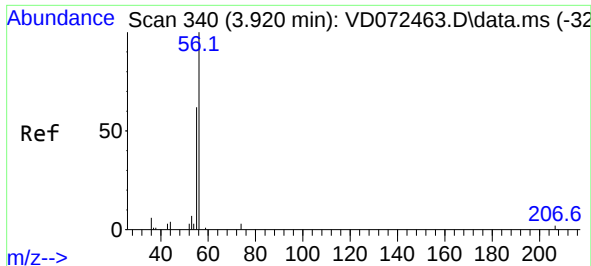


#12
1,1-Dichloroethene
Concen: 20.102 ug/l
RT: 4.067 min Scan# 365
Delta R.T. -0.000 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03



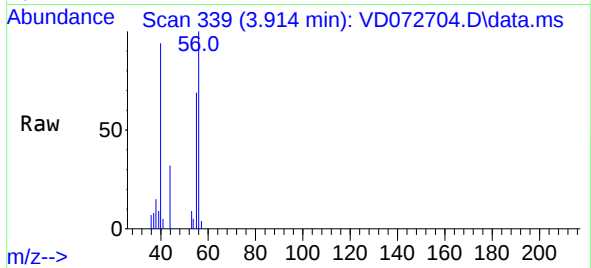
Tgt Ion: 96 Resp: 63470
Ion Ratio Lower Upper
96 100
61 155.9 138.5 207.7
98 61.4 48.6 73.0





#13
Acrolein
Concen: 106.569 ug/l
RT: 3.914 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03

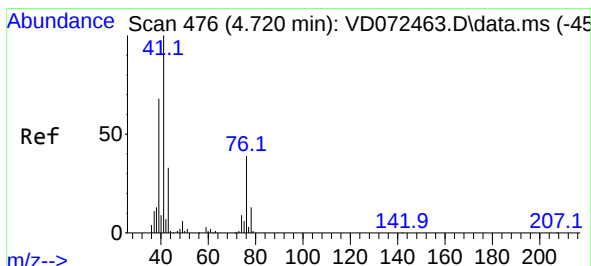
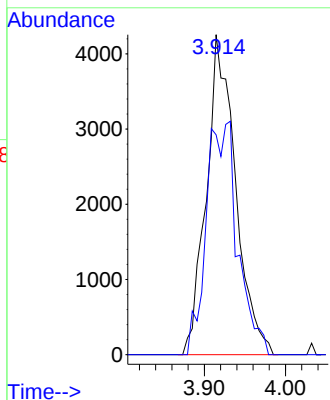
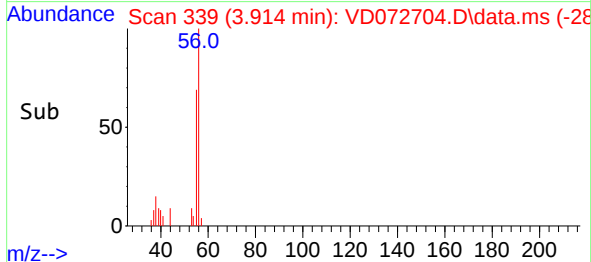
Instrument :
MSVOA_D
ClientSampleId :
VD0425SBS02



Tgt Ion: 56 Resp: 10620
Ion Ratio Lower Upper
56 100
55 78.4 57.1 85.7

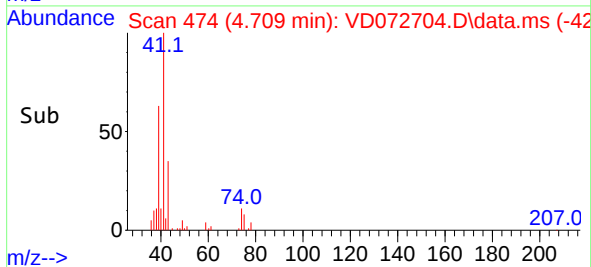
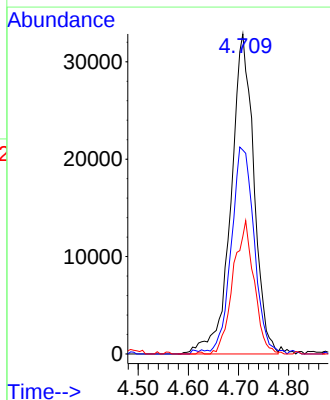
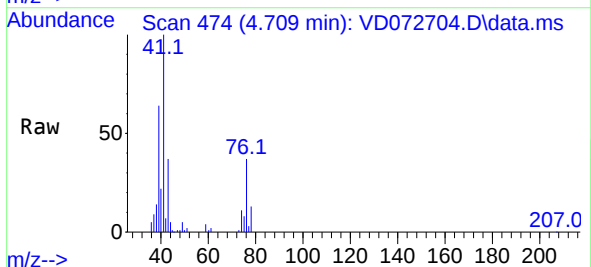
Manual Integrations
APPROVED

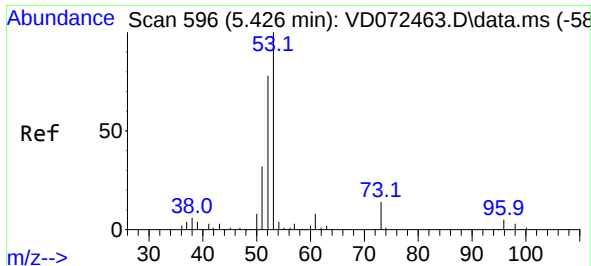
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#14
Allyl chloride
Concen: 19.517 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.011 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03

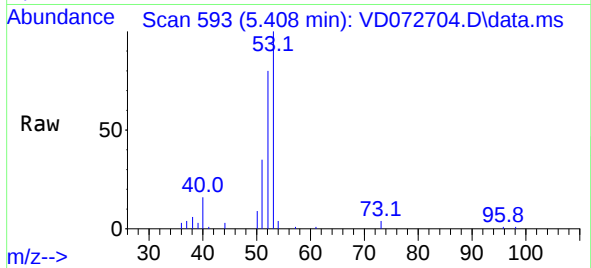
Tgt Ion: 41 Resp: 104312
Ion Ratio Lower Upper
41 100
39 64.4 59.3 88.9
76 38.2 25.7 38.5





#15
Acrylonitrile
Concen: 101.155 ug/l
RT: 5.408 min Scan# 593
Delta R.T. -0.018 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03

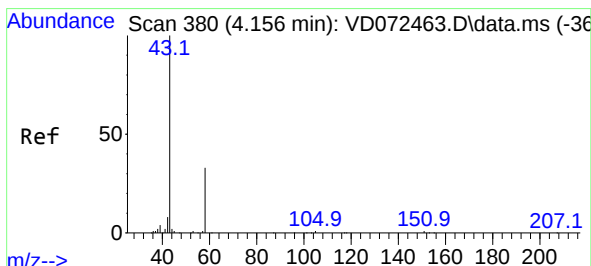
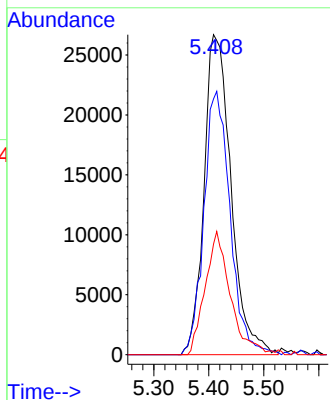
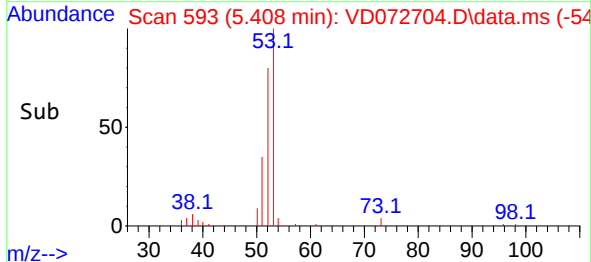
Instrument :
MSVOA_D
ClientSampleId :
VD0425SBS02



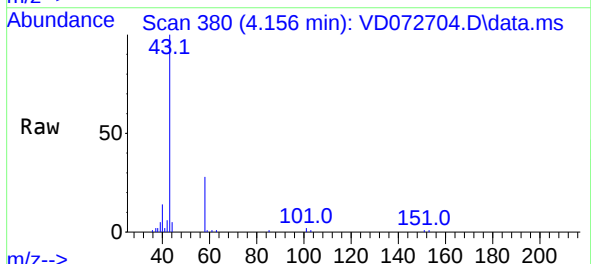
Tgt Ion: 53 Resp: 91035
Ion Ratio Lower Upper
53 100
52 80.0 67.2 100.8
51 35.9 30.3 45.5

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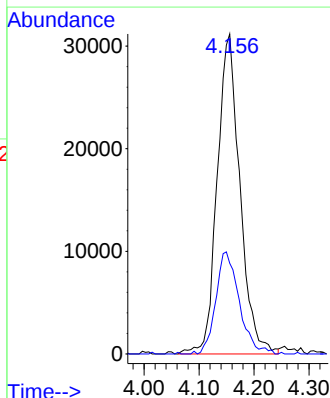
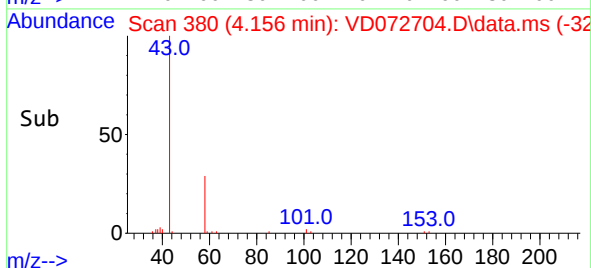
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

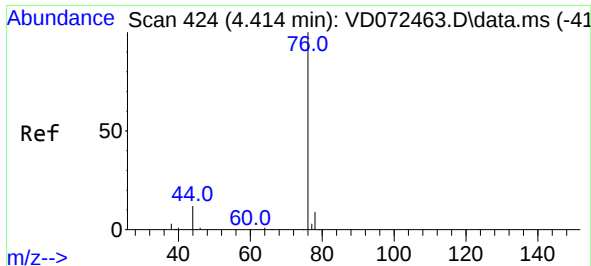


#16
Acetone
Concen: 112.851 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03



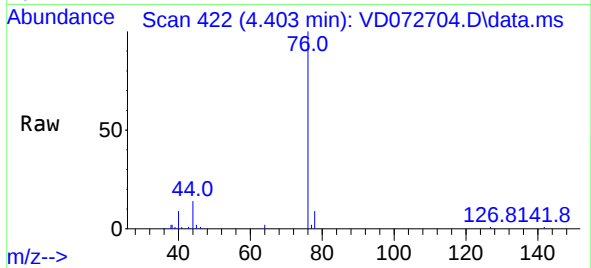
Tgt Ion: 43 Resp: 89483
Ion Ratio Lower Upper
43 100
58 28.3 22.1 33.1





#17
Carbon Disulfide
Concen: 19.354 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.011 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03

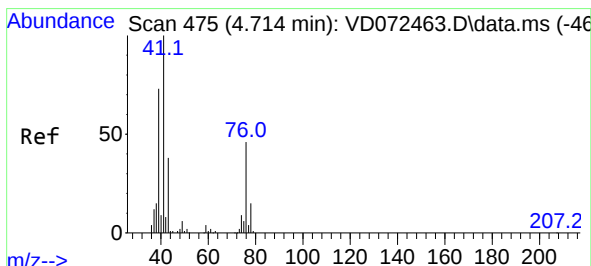
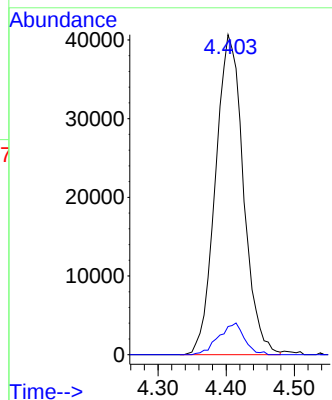
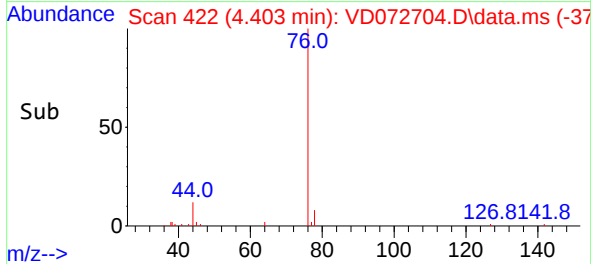
Instrument :
MSVOA_D
ClientSampleId :
VD0425SBS02



Tgt Ion: 76 Resp: 11595
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3

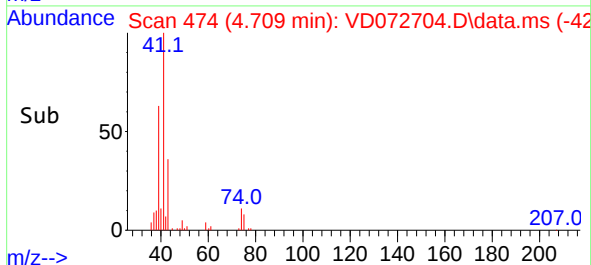
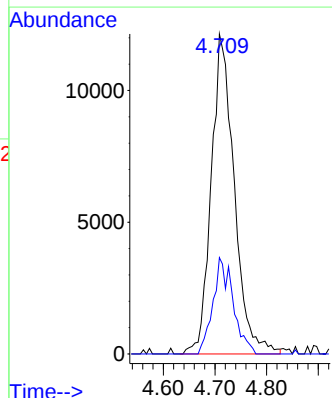
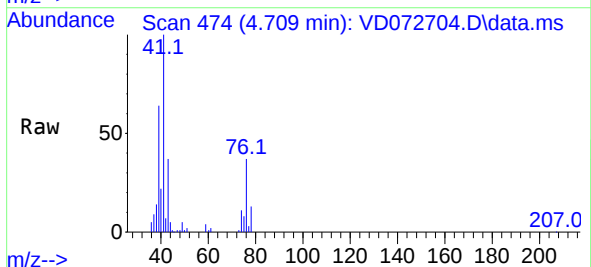
Manual Integrations
APPROVED

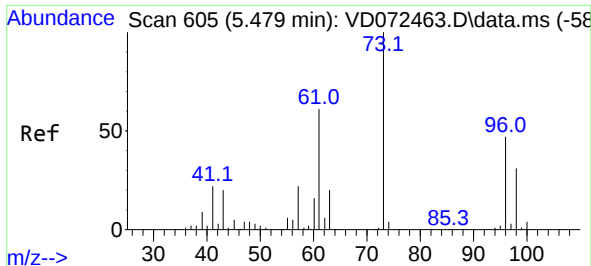
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#18
Methyl Acetate
Concen: 16.812 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03

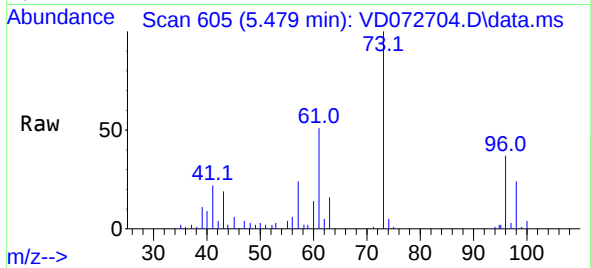
Tgt Ion: 43 Resp: 37556
Ion Ratio Lower Upper
43 100
74 26.5 16.7 25.1#





#19
Methyl tert-butyl Ether
Concen: 19.610 ug/l
RT: 5.479 min Scan# 605
Delta R.T. -0.000 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03

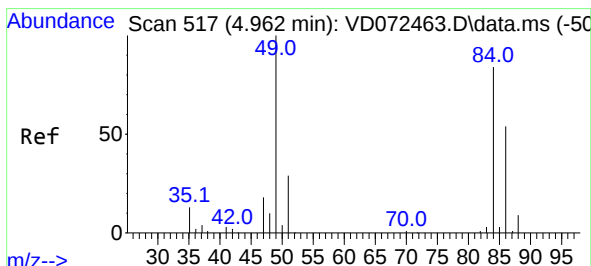
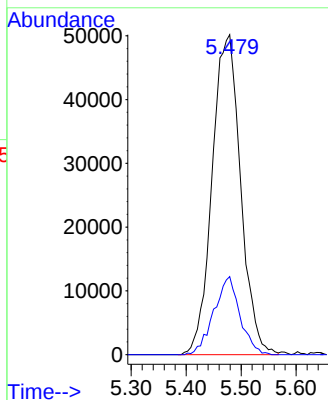
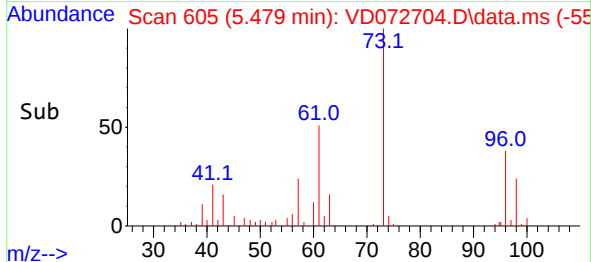
Instrument :
MSVOA_D
ClientSampleId :
VD0425SBS02



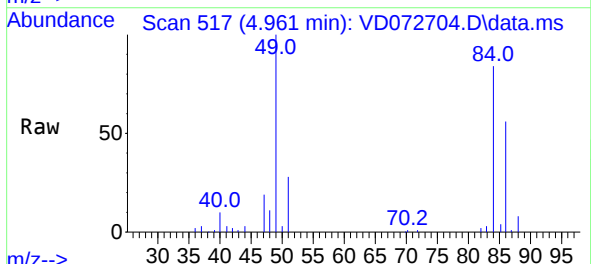
Tgt Ion: 73 Resp: 180720
Ion Ratio Lower Upper
73 100
57 24.4 18.0 27.0

Manual Integrations
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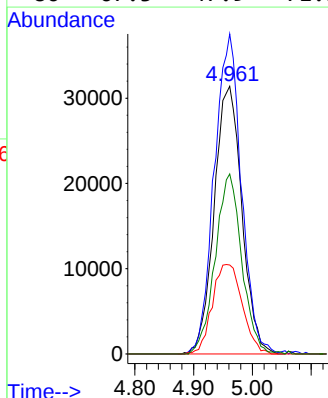
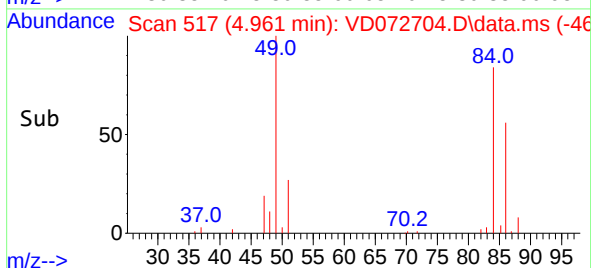
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

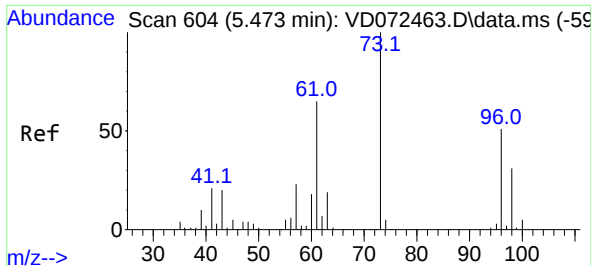


#20
Methylene Chloride
Concen: 21.737 ug/l
RT: 4.961 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03



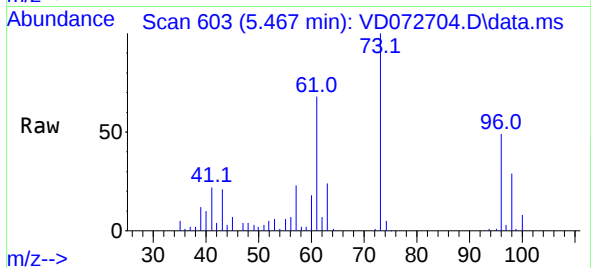
Tgt Ion: 84 Resp: 102608
Ion Ratio Lower Upper
84 100
49 119.6 112.8 169.2
51 33.2 32.6 48.8
86 67.3 47.9 71.9





#21
trans-1,2-Dichloroethene
Concen: 19.228 ug/l
RT: 5.467 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03

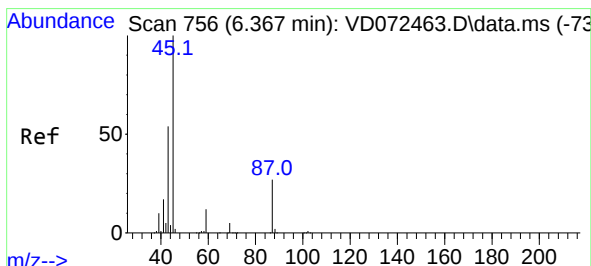
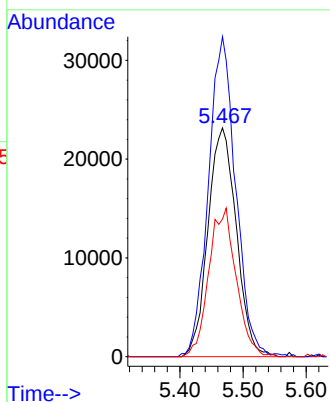
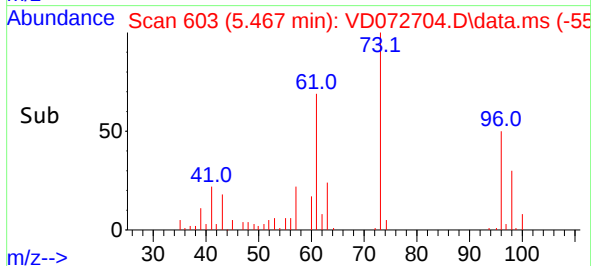
Instrument :
MSVOA_D
ClientSampleId :
VD0425SBS02



Tgt Ion: 96 Resp: 7228
Ion Ratio Lower Upper
96 100
61 139.8 117.9 176.9
98 60.2 49.4 74.2

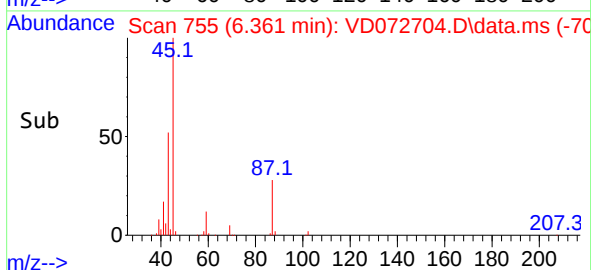
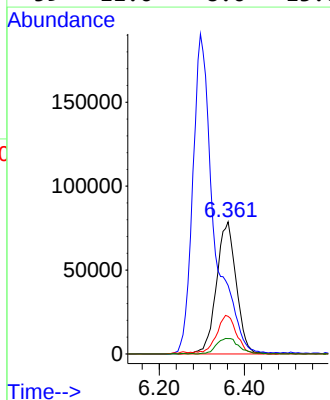
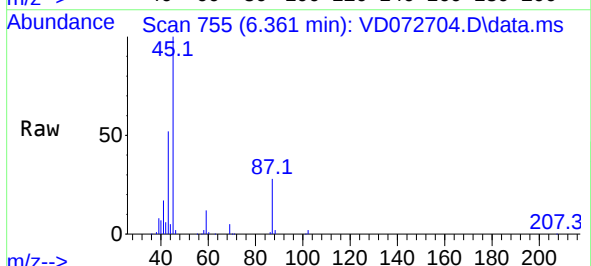
Manual Integrations
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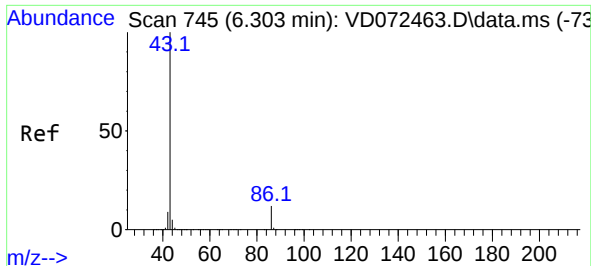
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#22
Diisopropyl ether
Concen: 20.005 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03

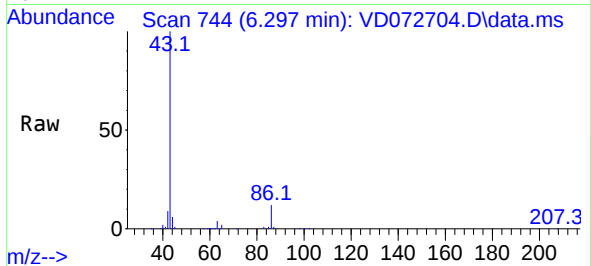
Tgt Ion: 45 Resp: 253770
Ion Ratio Lower Upper
45 100
43 50.8 46.6 70.0
87 28.4 18.4 27.6#
59 11.6 8.6 13.0





#23
 Vinyl Acetate
 Concen: 100.618 ug/l
 RT: 6.297 min Scan# 745
 Delta R.T. -0.006 min
 Lab File: VD072704.D
 Acq: 25 Apr 2022 13:03

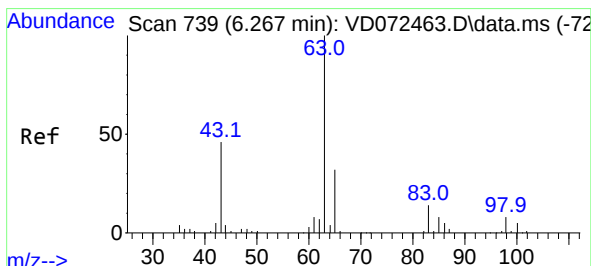
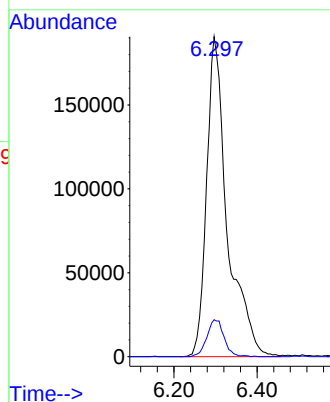
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0425SBS02



Tgt Ion: 43 Resp: 660215
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.1 10.7

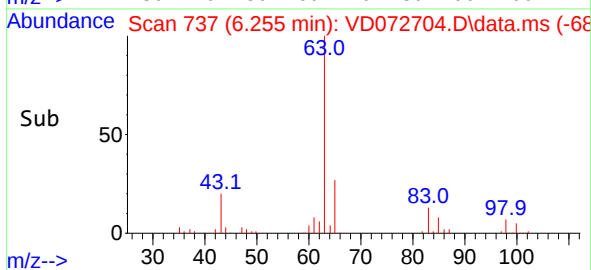
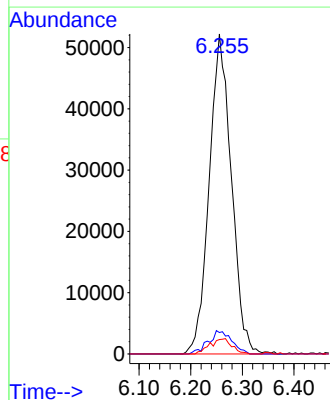
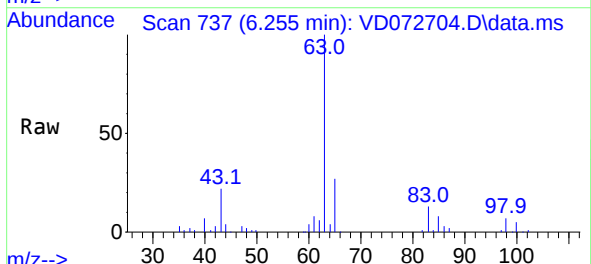
Manual Integrations
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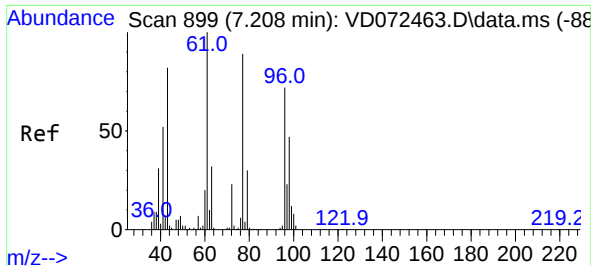
Reviewed By :John Carlone 04/26/2022
 Supervised By :Mahesh Dadoda 04/26/2022



#24
 1,1-Dichloroethane
 Concen: 20.345 ug/l
 RT: 6.255 min Scan# 737
 Delta R.T. -0.012 min
 Lab File: VD072704.D
 Acq: 25 Apr 2022 13:03

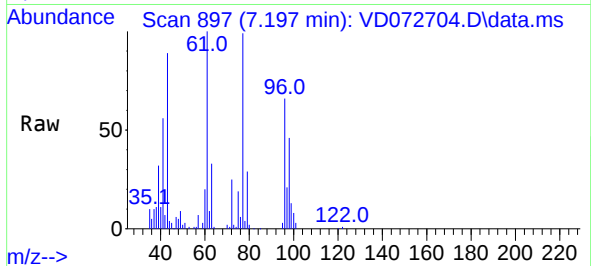
Tgt Ion: 63 Resp: 155521
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.6 10.9
 100 4.5 2.1 6.5





#25
2-Butanone
Concen: 104.850 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.012 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03

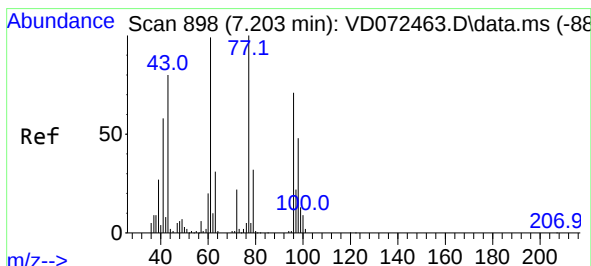
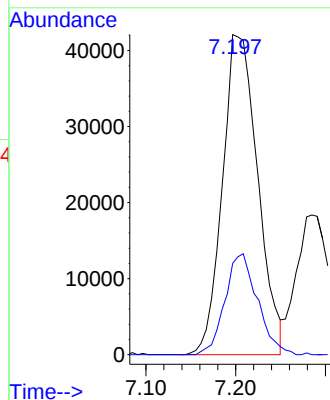
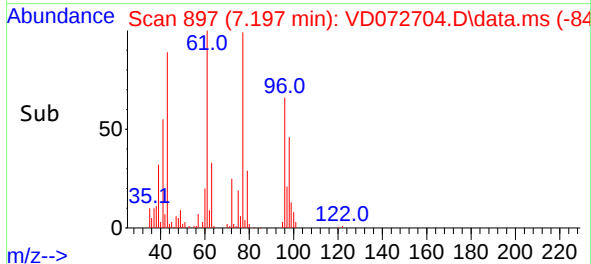
Instrument :
MSVOA_D
ClientSampleId :
VD0425SBS02



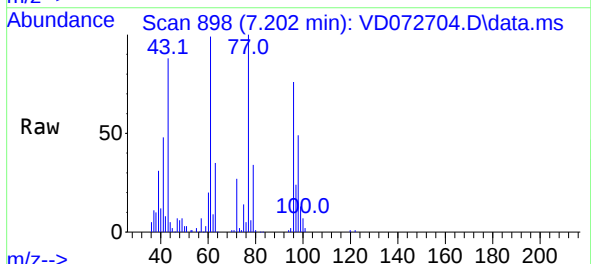
Tgt Ion: 43 Resp: 11498
Ion Ratio Lower Upper
43 100
72 28.6 18.6 27.8

Manual Integrations
APPROVED

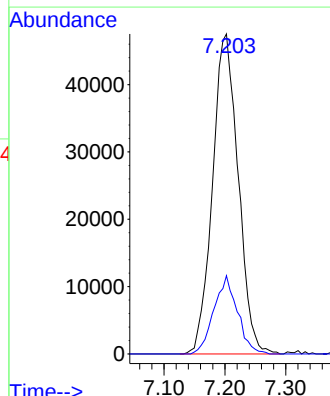
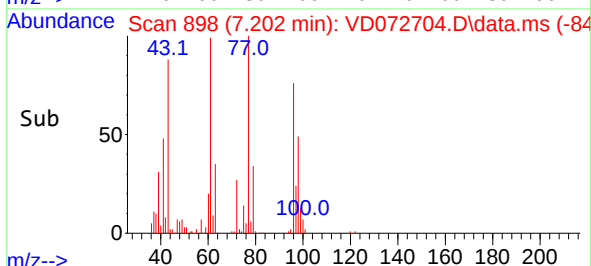
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

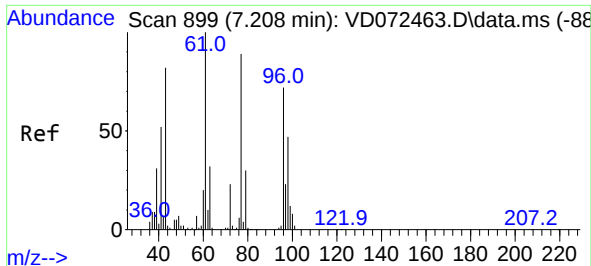


#26
2,2-Dichloropropane
Concen: 20.498 ug/l
RT: 7.202 min Scan# 898
Delta R.T. -0.000 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03



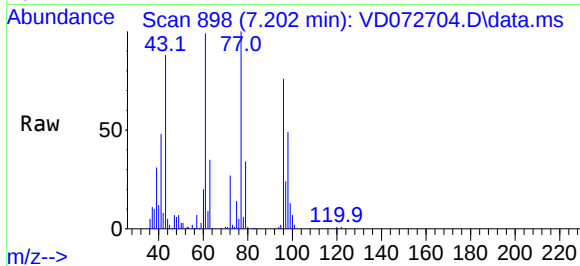
Tgt Ion: 77 Resp: 139173
Ion Ratio Lower Upper
77 100
97 22.4 10.8 32.4





#27
cis-1,2-Dichloroethene
Concen: 19.362 ug/l
RT: 7.202 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03

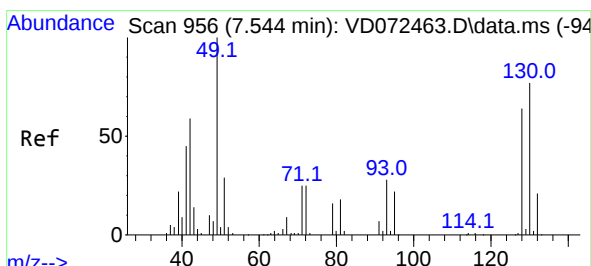
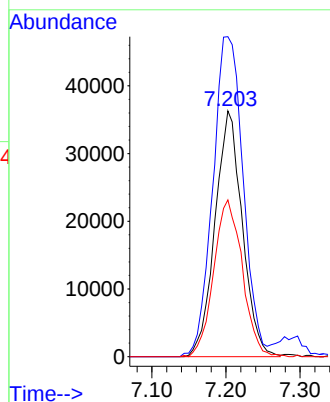
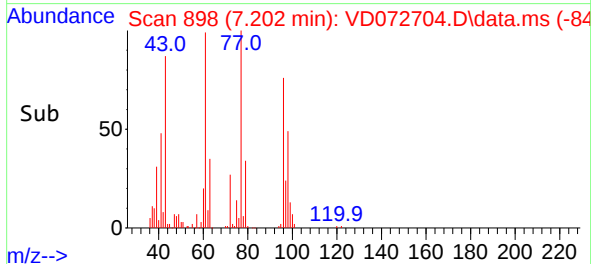
Instrument :
MSVOA_D
ClientSampleId :
VD0425SBS02



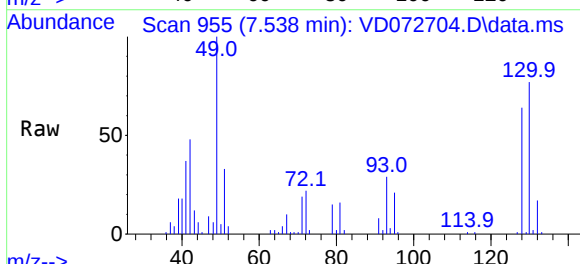
Tgt Ion: 96 Resp: 92818
Ion Ratio Lower Upper
96 100
61 144.5 0.0 313.8
98 66.8 0.0 128.8

Manual Integrations
APPROVED

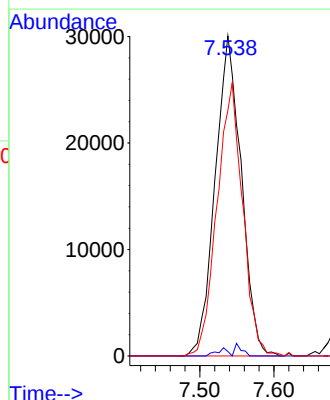
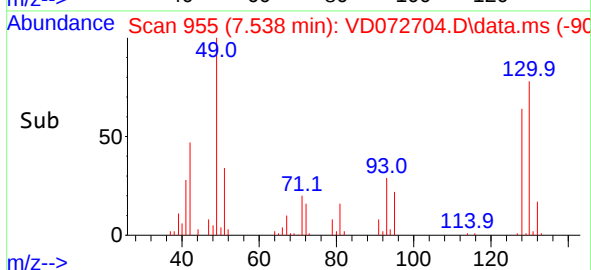
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

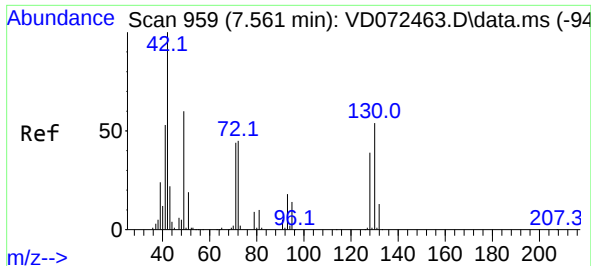


#28
Bromochloromethane
Concen: 22.479 ug/l
RT: 7.538 min Scan# 955
Delta R.T. -0.006 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03



Tgt Ion: 49 Resp: 73624
Ion Ratio Lower Upper
49 100
129 1.0 0.0 4.0
130 83.6 52.6 79.0#





#29

Tetrahydrofuran

Concen: 99.699 ug/l

RT: 7.555 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD072704.D

Acq: 25 Apr 2022 13:03

Instrument :

MSVOA_D

ClientSampleId :

VD0425SBS02

Tgt Ion: 42 Resp: 66010

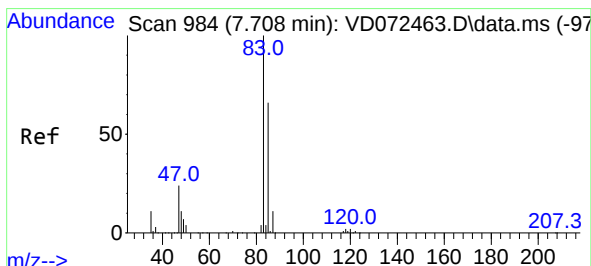
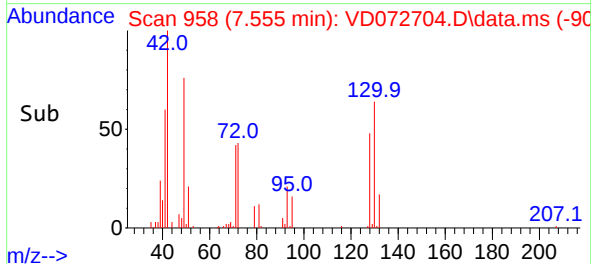
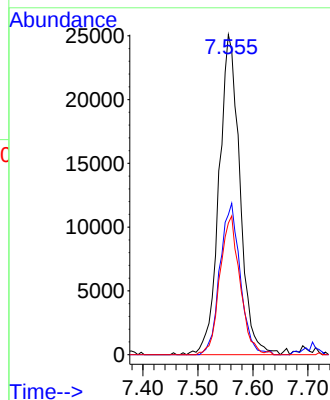
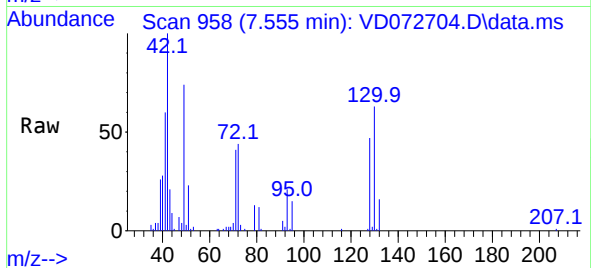
Ion	Ratio	Lower	Upper
42	100		
72	46.1	30.7	46.1
71	42.0	28.6	43.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2022

Supervised By :Mahesh Dadoda 04/26/2022



#30

Chloroform

Concen: 19.812 ug/l

RT: 7.702 min Scan# 983

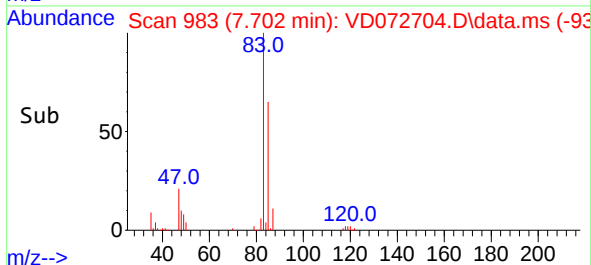
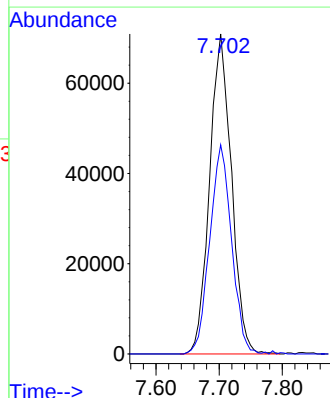
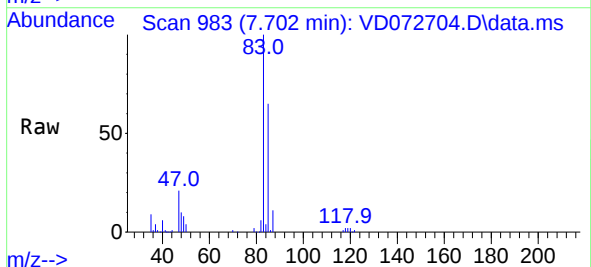
Delta R.T. -0.006 min

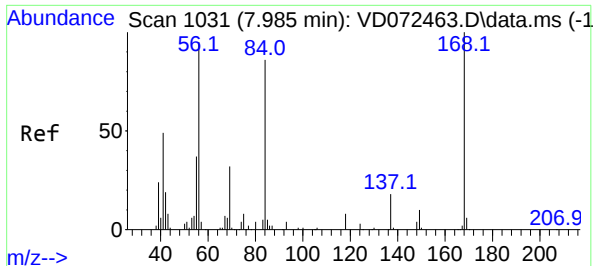
Lab File: VD072704.D

Acq: 25 Apr 2022 13:03

Tgt Ion: 83 Resp: 170358

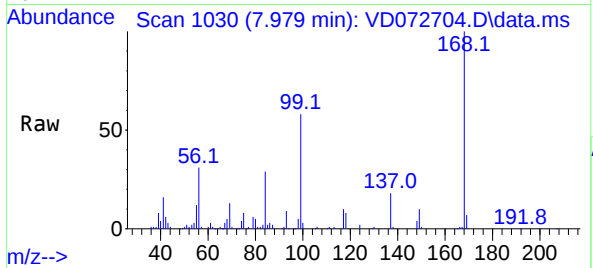
Ion	Ratio	Lower	Upper
83	100		
85	65.3	52.7	79.1





#31
Cyclohexane
Concen: 20.201 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03

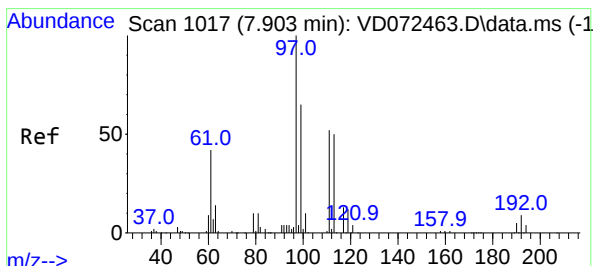
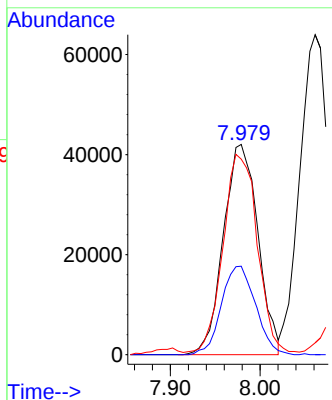
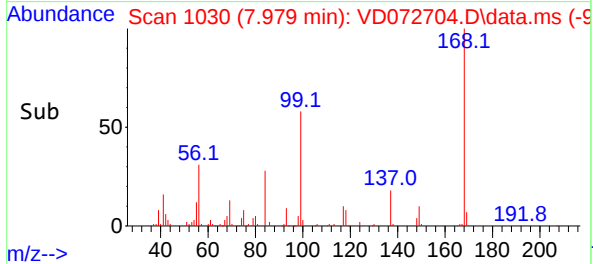
Instrument :
MSVOA_D
ClientSampleId :
VD0425SBS02



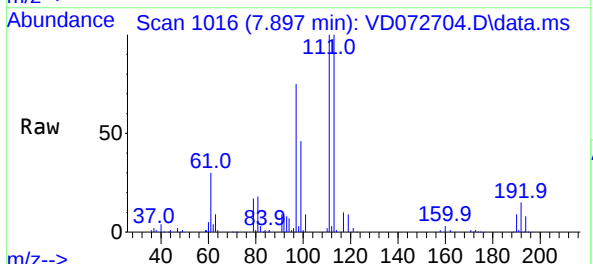
Tgt Ion: 56 Resp: 11232
Ion Ratio Lower Upper
56 100
69 42.1 25.4 38.2
84 91.3 63.0 94.4

Manual Integrations
APPROVED

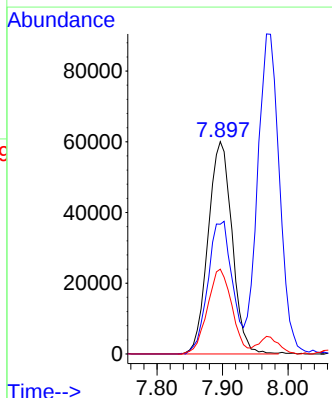
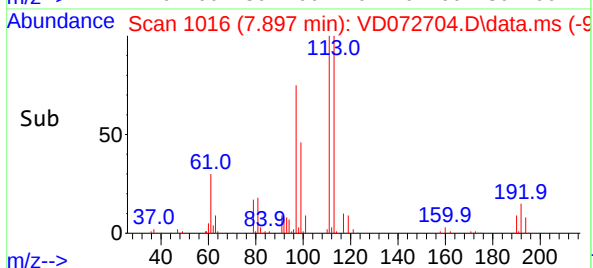
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

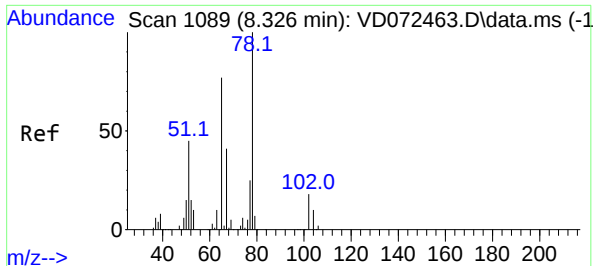


#32
1,1,1-Trichloroethane
Concen: 20.944 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03



Tgt Ion: 97 Resp: 152751
Ion Ratio Lower Upper
97 100
99 63.7 52.4 78.6
61 40.8 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 49.729 ug/l

RT: 8.320 min Scan# 1107

Delta R.T. -0.006 min

Lab File: VD072704.D

Acq: 25 Apr 2022 13:03

Instrument :

MSVOA_D

ClientSampleId :

VD0425SBS02

Tgt Ion: 65 Resp: 21146

Ion Ratio Lower Upper

65 100

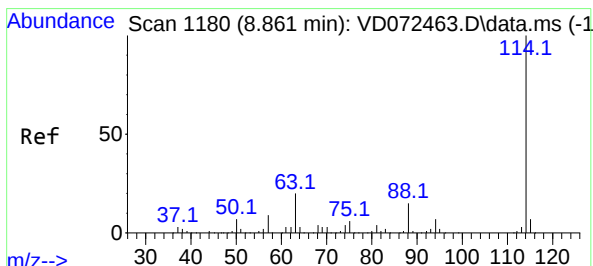
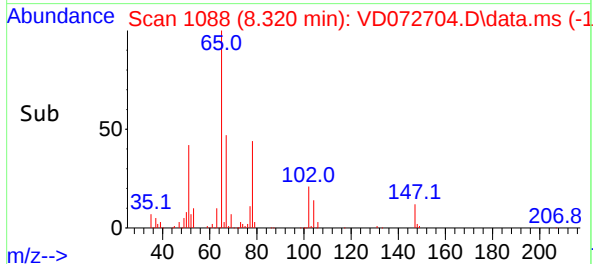
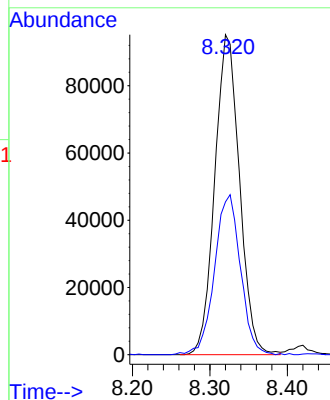
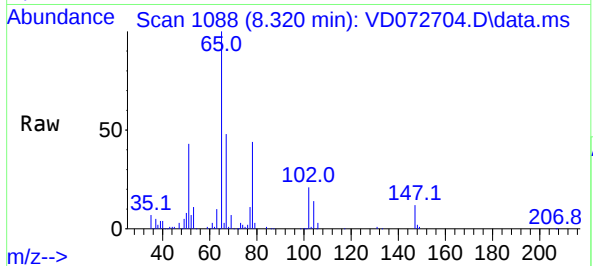
67 52.3 0.0 101.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2022

Supervised By :Mahesh Dadoda 04/26/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD072704.D

Acq: 25 Apr 2022 13:03

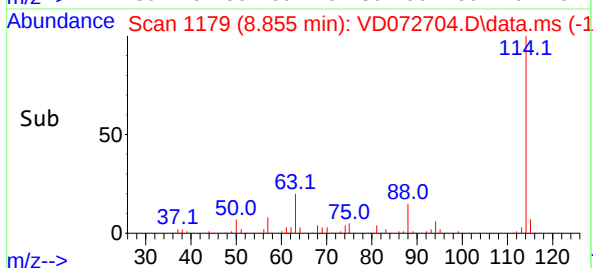
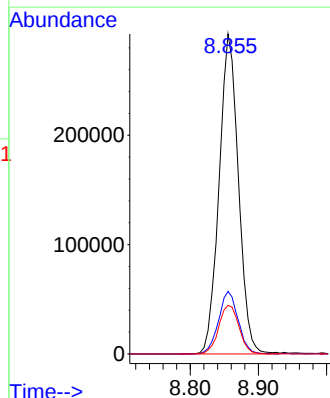
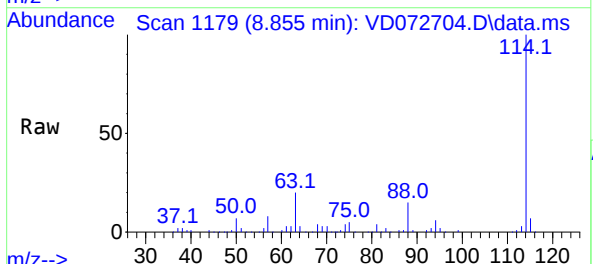
Tgt Ion:114 Resp: 578332

Ion Ratio Lower Upper

114 100

63 19.5 0.0 46.6

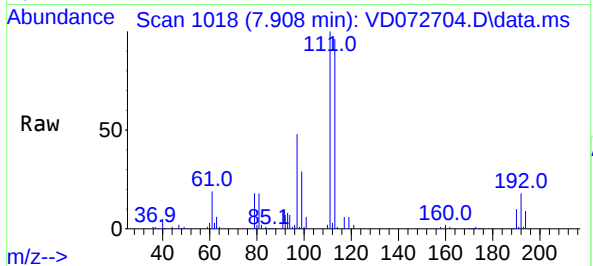
88 15.2 0.0 33.2





#35
Dibromofluoromethane
Concen: 49.853 ug/l
RT: 7.908 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03

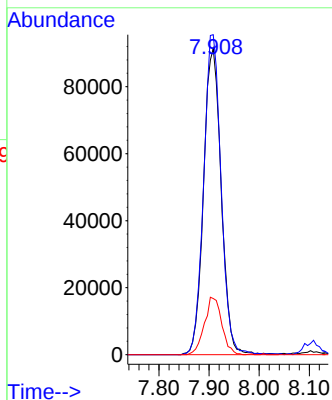
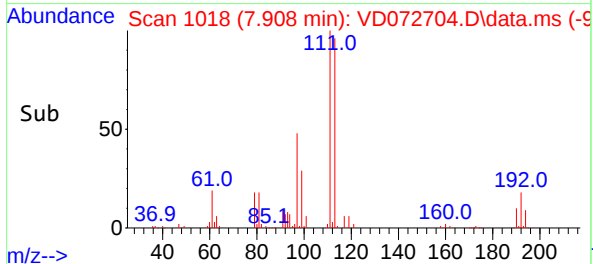
Instrument :
MSVOA_D
ClientSampleId :
VD0425SBS02



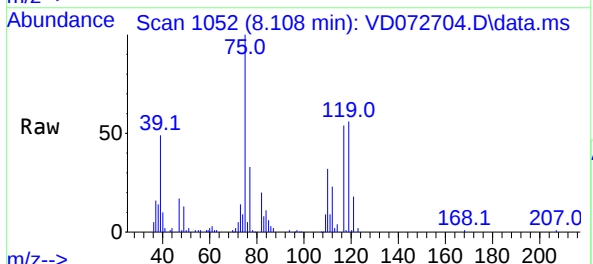
Tgt Ion: 113 Resp: 22406
Ion Ratio Lower Upper
113 100
111 103.1 83.8 125.6
192 18.5 14.6 21.8

Manual Integrations
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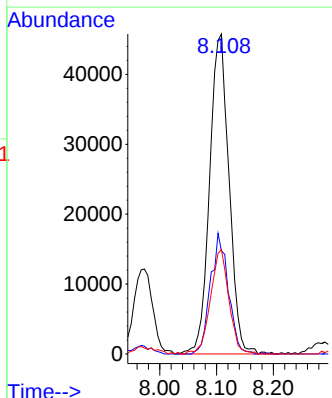
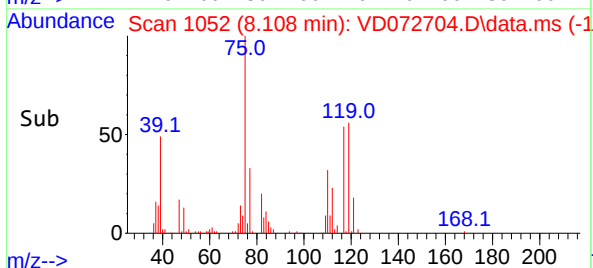
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

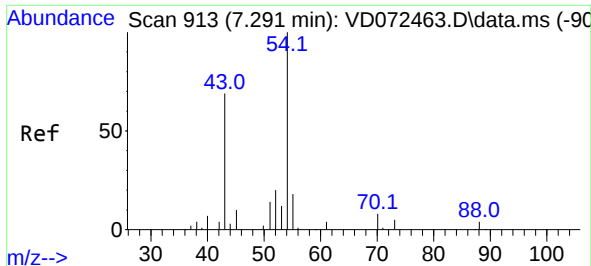


#36
1,1-Dichloropropene
Concen: 19.608 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03



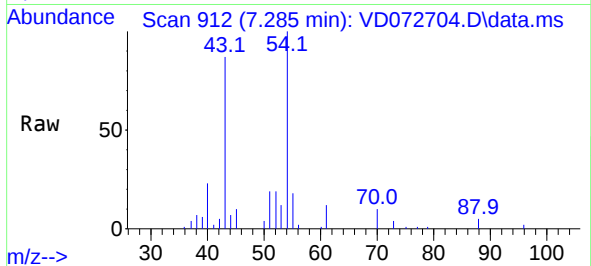
Tgt Ion: 75 Resp: 108603
Ion Ratio Lower Upper
75 100
110 34.7 16.4 49.1
77 30.9 24.2 36.2





#37
Ethyl Acetate
Concen: 21.012 ug/l
RT: 7.285 min Scan# 913
Delta R.T. -0.006 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03

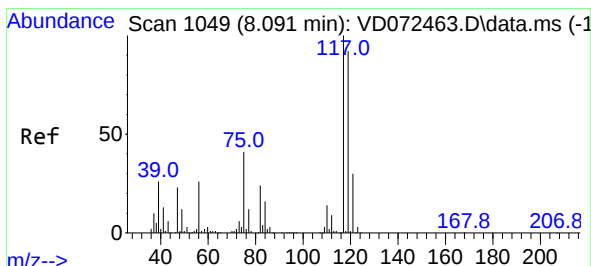
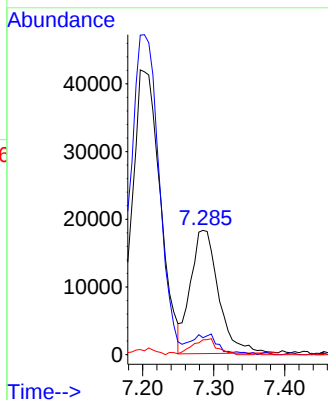
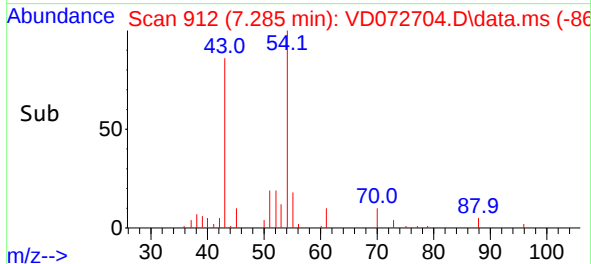
Instrument :
MSVOA_D
ClientSampleId :
VD0425SBS02



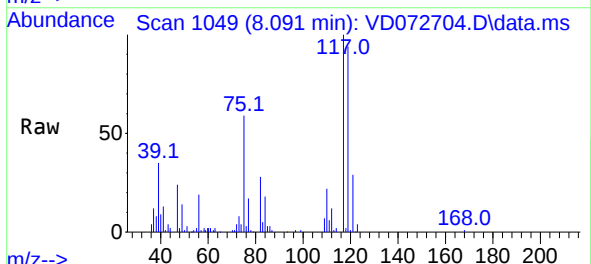
Tgt Ion: 43 Resp: 50039
Ion Ratio Lower Upper
43 100
61 15.1 9.8 14.8
70 11.7 6.9 10.3

Manual Integrations
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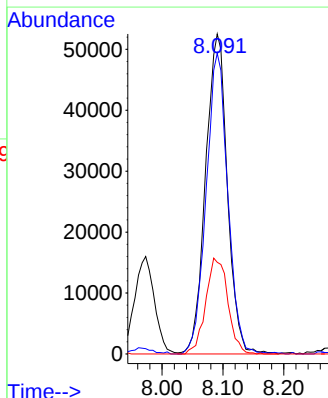
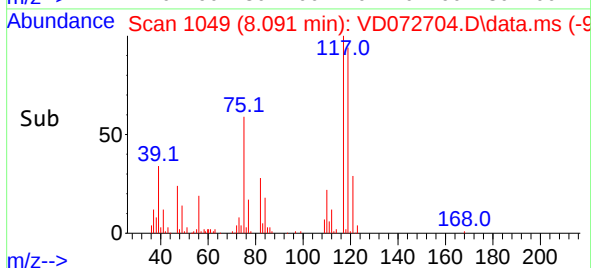
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

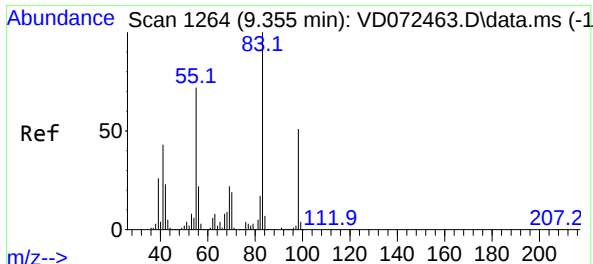


#38
Carbon Tetrachloride
Concen: 21.069 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03



Tgt Ion:117 Resp: 130457
Ion Ratio Lower Upper
117 100
119 94.0 75.8 113.6
121 28.7 24.5 36.7





#39

Methylcyclohexane

Concen: 19.693 ug/l

RT: 9.349 min Scan# 11935

Delta R.T. -0.006 min

Lab File: VD072704.D

Acq: 25 Apr 2022 13:03

Instrument :

MSVOA_D

ClientSampleId :

VD0425SBS02

Tgt Ion: 83 Resp: 11935

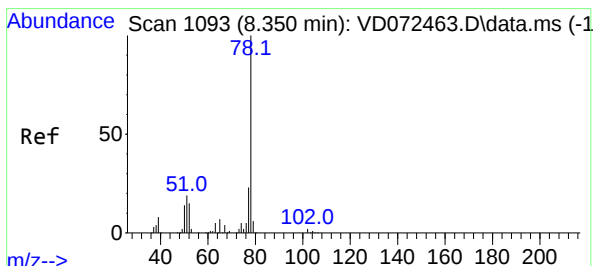
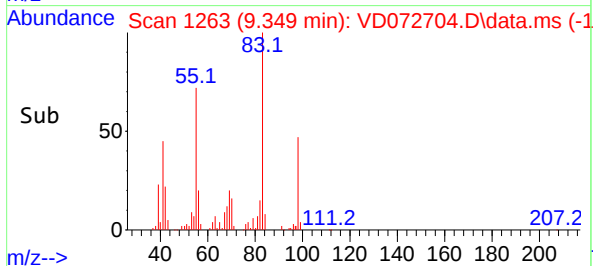
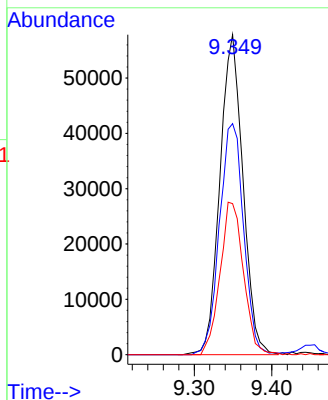
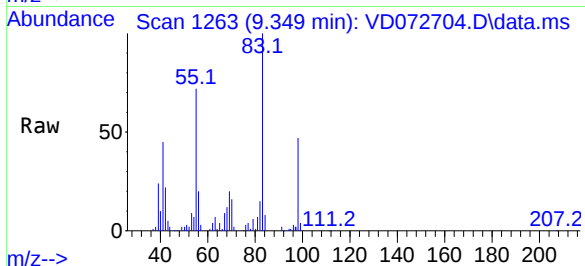
Ion	Ratio	Lower	Upper
83	100		
55	72.2	63.2	94.8
98	47.2	38.2	57.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2022

Supervised By :Mahesh Dadoda 04/26/2022



#40

Benzene

Concen: 20.775 ug/l

RT: 8.344 min Scan# 1092

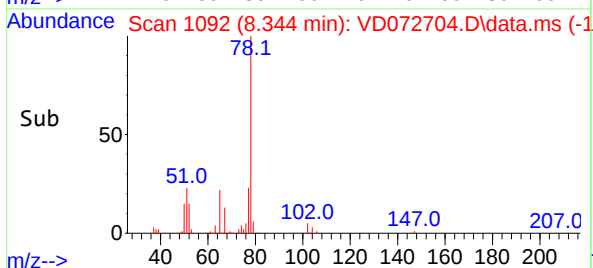
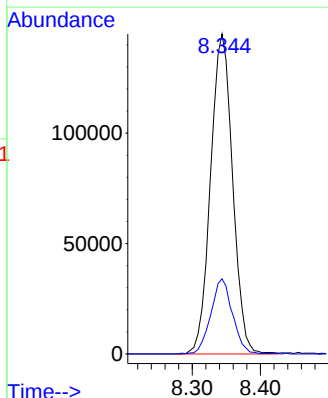
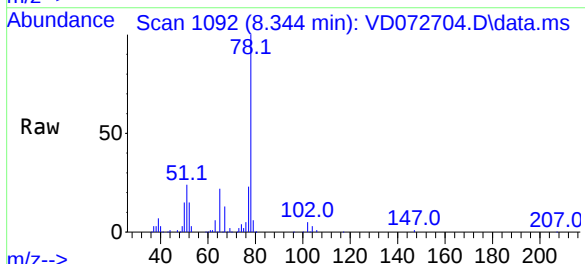
Delta R.T. -0.006 min

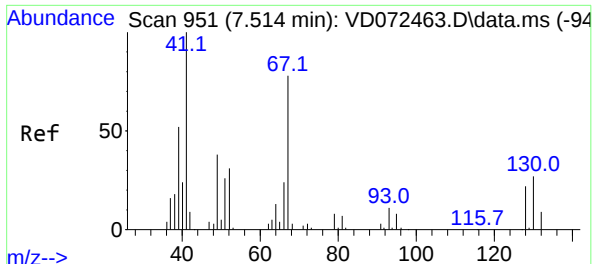
Lab File: VD072704.D

Acq: 25 Apr 2022 13:03

Tgt Ion: 78 Resp: 326096

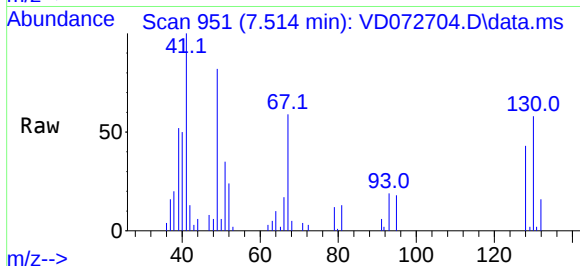
Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.1	28.7





#41
Methacrylonitrile
Concen: 17.083 ug/l m
RT: 7.514 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03

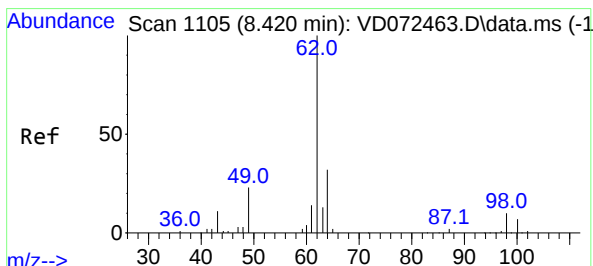
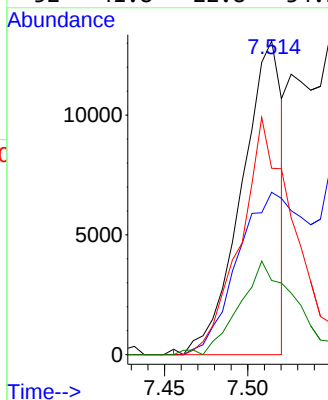
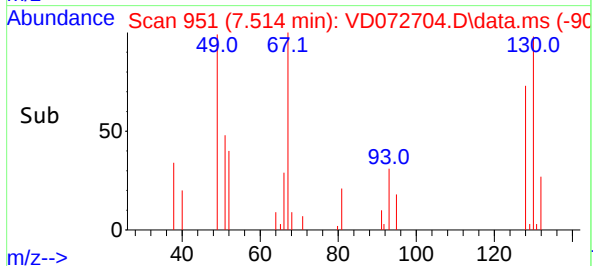
Instrument :
MSVOA_D
ClientSampleId :
VD0425SBS02



Tgt Ion: 41 Resp: 22204
Ion Ratio Lower Upper
41 100
39 85.9 44.6 67.0
67 101.3 48.2 72.4
52 41.8 22.8 34.2

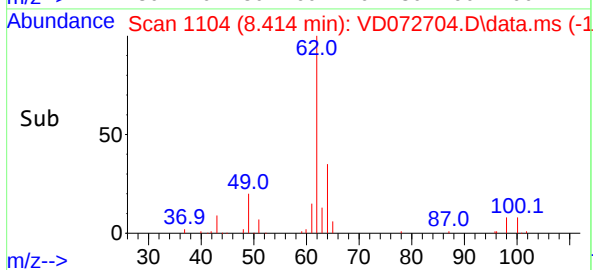
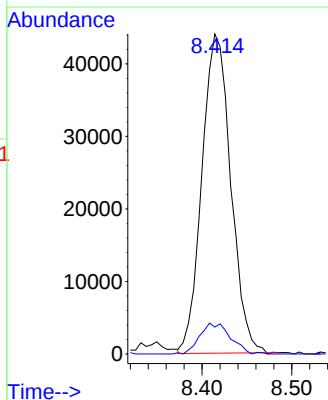
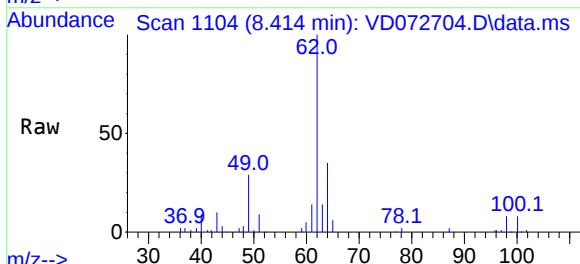
Manual Integrations
APPROVED

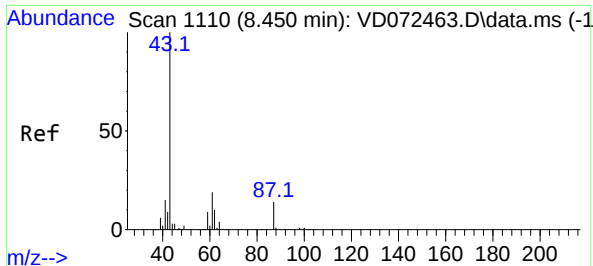
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#42
1,2-Dichloroethane
Concen: 20.502 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03

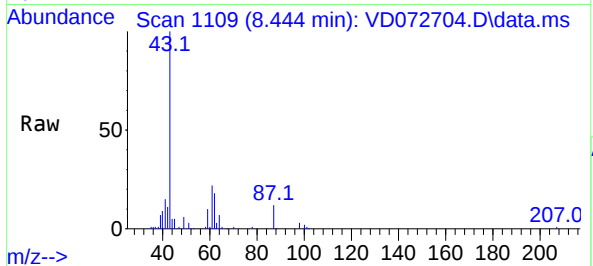
Tgt Ion: 62 Resp: 98361
Ion Ratio Lower Upper
62 100
98 10.3 0.0 17.6





#43
Isopropyl Acetate
Concen: 20.291 ug/l
RT: 8.444 min Scan# 1110
Delta R.T. -0.006 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03

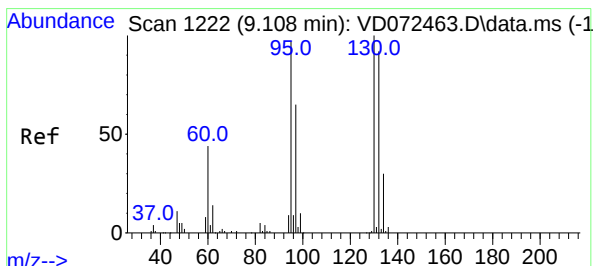
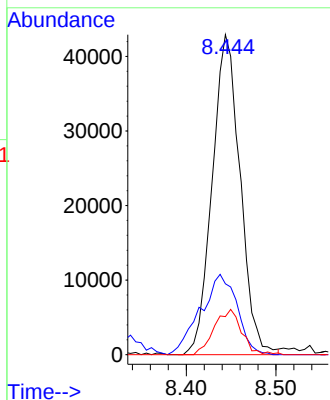
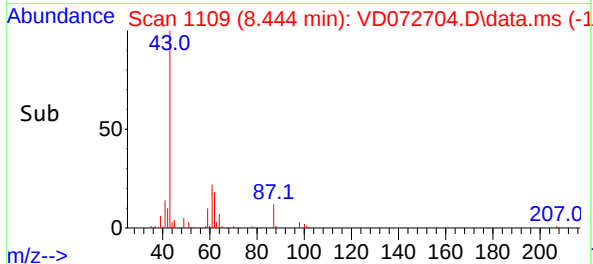
Instrument :
MSVOA_D
ClientSampleId :
VD0425SBS02



Tgt Ion: 43 Resp: 92694
Ion Ratio Lower Upper
43 100
61 33.0 22.4 33.6
87 14.0 8.7 13.1

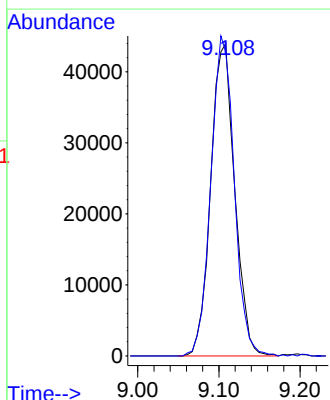
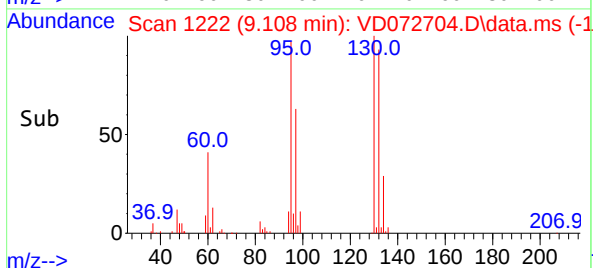
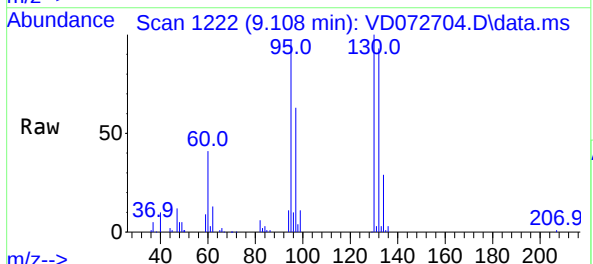
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#44
Trichloroethene
Concen: 20.289 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03

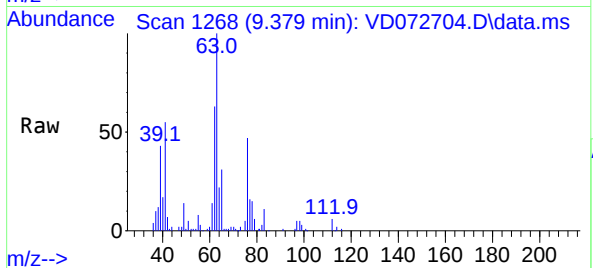
Tgt Ion:130 Resp: 90411
Ion Ratio Lower Upper
130 100
95 97.3 0.0 205.4





#45
1,2-Dichloropropane
Concen: 20.431 ug/l
RT: 9.379 min Scan# 1268
Delta R.T. -0.006 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03

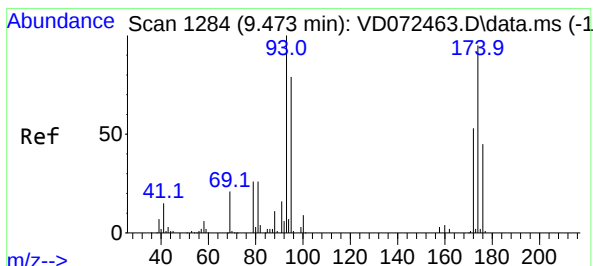
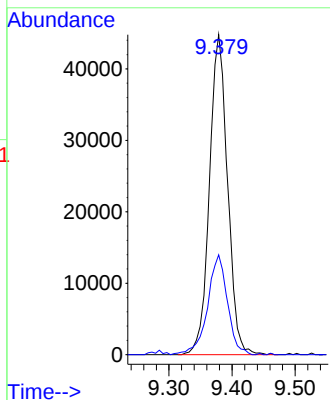
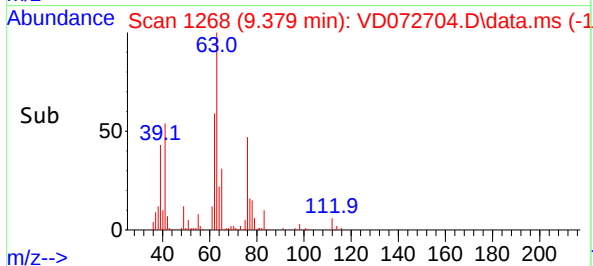
Instrument :
MSVOA_D
ClientSampleId :
VD0425SBS02



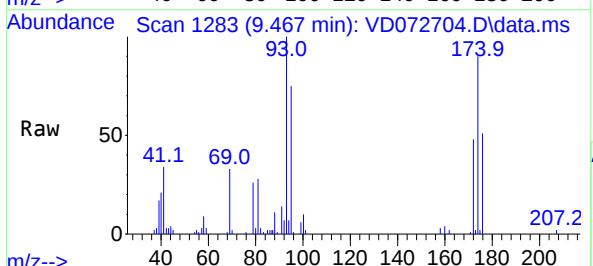
Tgt Ion: 63 Resp: 89208
Ion Ratio Lower Upper
63 100
65 31.2 26.2 39.4

Manual Integrations
APPROVED

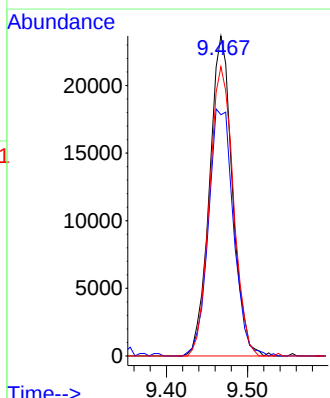
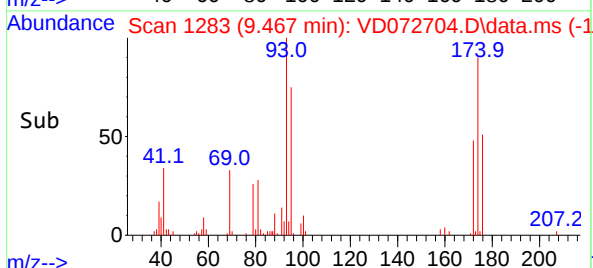
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

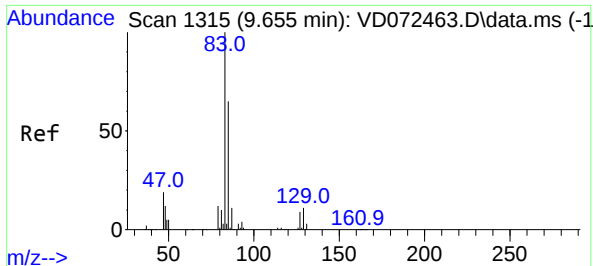


#46
Dibromomethane
Concen: 20.266 ug/l
RT: 9.467 min Scan# 1283
Delta R.T. -0.006 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03



Tgt Ion: 93 Resp: 46426
Ion Ratio Lower Upper
93 100
95 84.2 66.7 100.1
174 94.0 71.6 107.4





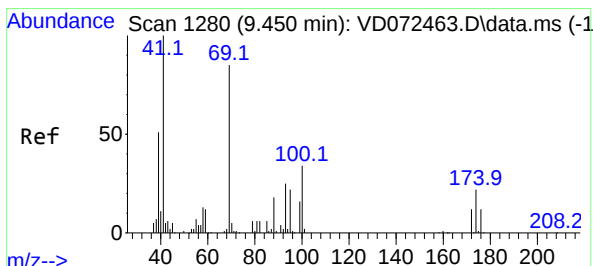
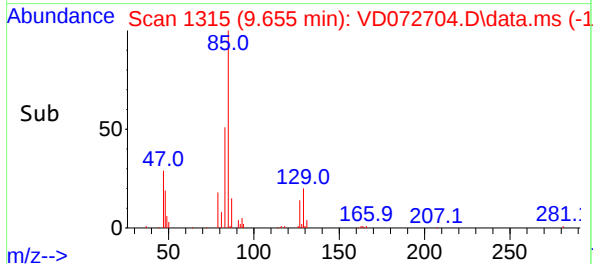
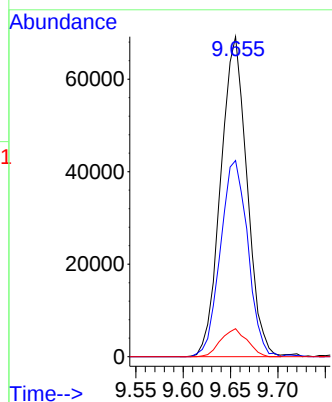
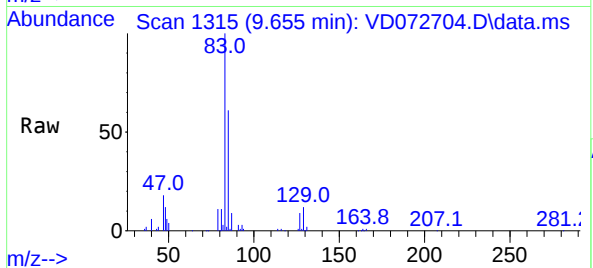
#47
Bromodichloromethane
Concen: 20.259 ug/l
RT: 9.655 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03

Instrument :
MSVOA_D
ClientSampleId :
VD0425SBS02

Tgt Ion: 83 Resp: 13333
Ion Ratio Lower Upper
83 100
85 61.3 51.4 77.0
127 8.7 6.1 9.1

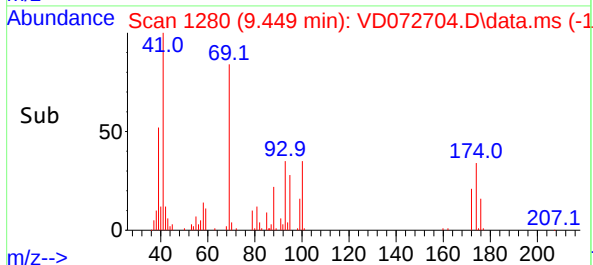
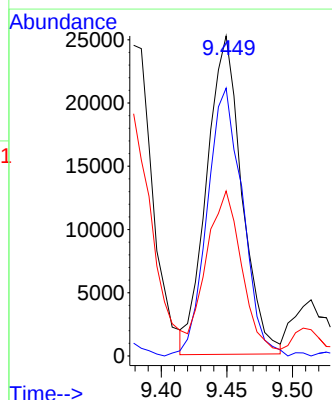
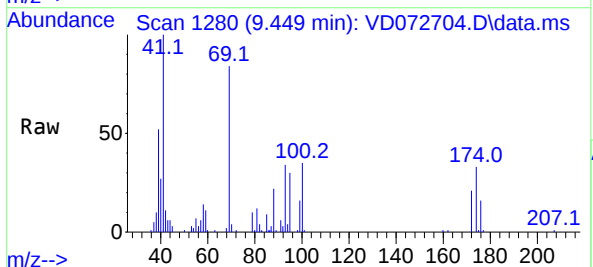
Manual Integrations
APPROVED

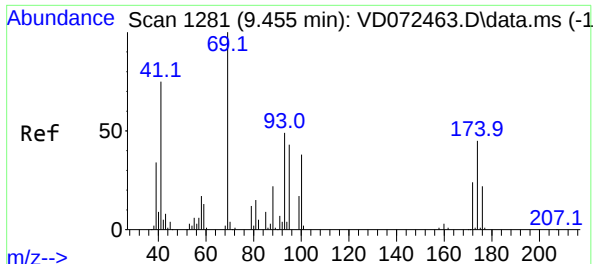
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#48
Methyl methacrylate
Concen: 21.210 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03

Tgt Ion: 41 Resp: 47039
Ion Ratio Lower Upper
41 100
69 85.0 56.7 85.1
39 52.7 42.7 64.1





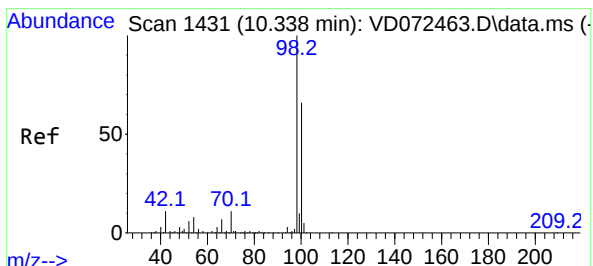
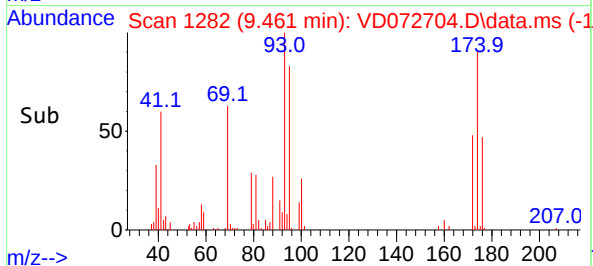
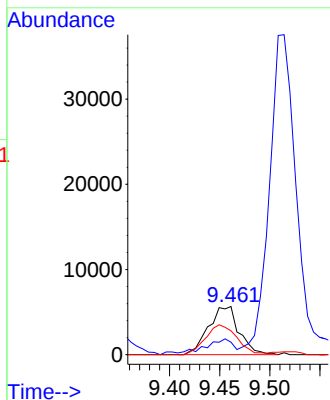
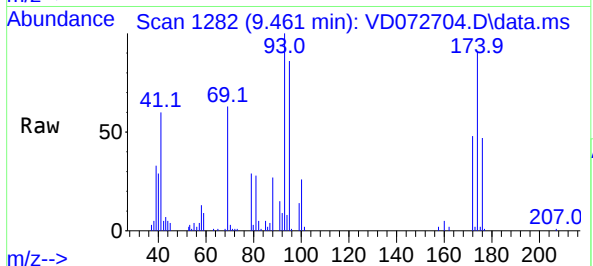
#49
1,4-Dioxane
Concen: 440.802 ug/l
RT: 9.461 min Scan# 1281
Delta R.T. 0.006 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03

Instrument :
MSVOA_D
ClientSampleId :
VD0425SBS02

Tgt Ion: 88 Resp: 1201
Ion Ratio Lower Upper
88 100
43 31.9 31.0 46.4
58 63.8 58.1 87.1

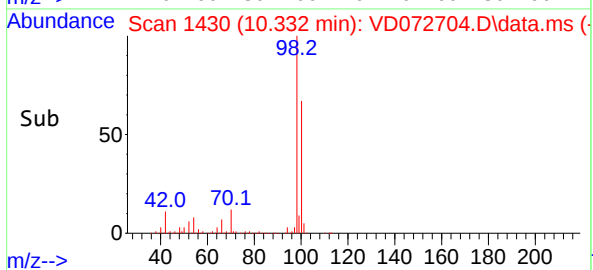
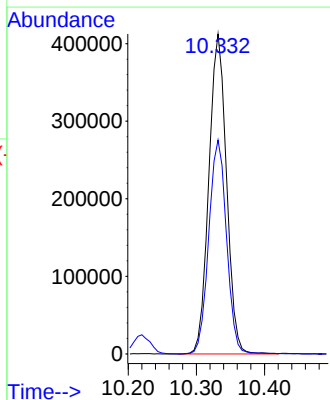
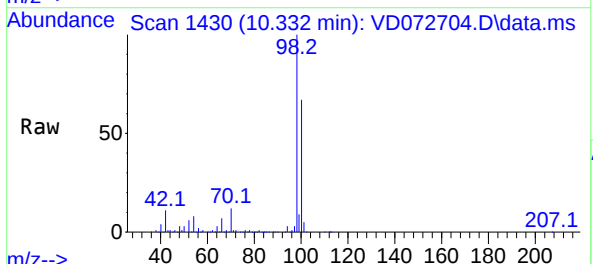
Manual Integrations
APPROVED

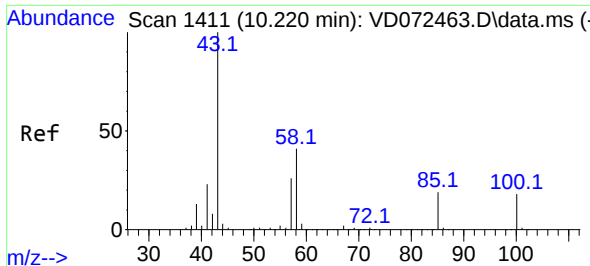
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#50
Toluene-d8
Concen: 47.579 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03

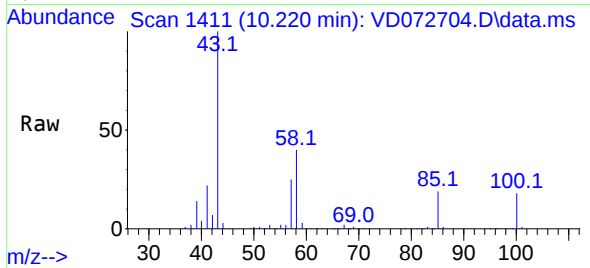
Tgt Ion: 98 Resp: 743324
Ion Ratio Lower Upper
98 100
100 67.4 52.4 78.6





#51
4-Methyl-2-Pentanone
Concen: 101.963 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03

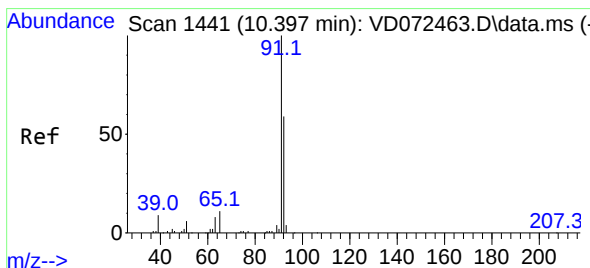
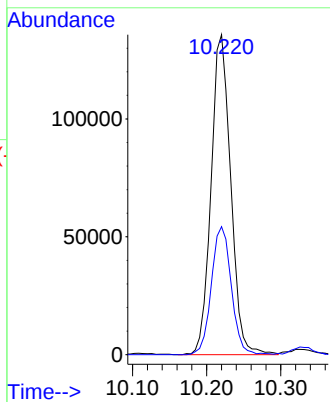
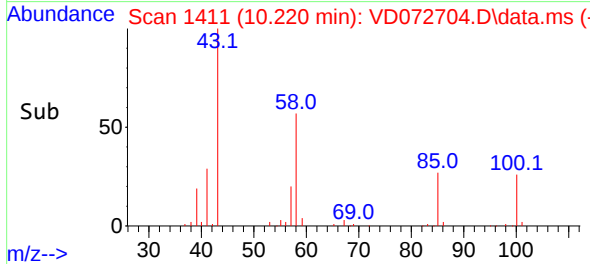
Instrument :
MSVOA_D
ClientSampleId :
VD0425SBS02



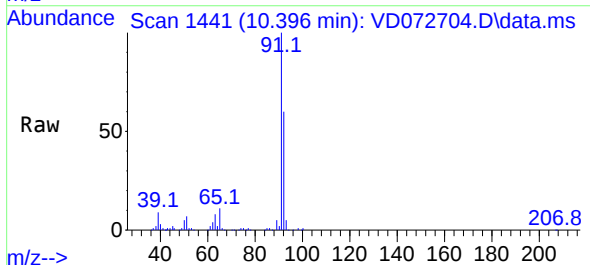
Tgt Ion: 43 Resp: 249920
Ion Ratio Lower Upper
43 100
58 40.6 28.6 43.0

Manual Integrations
APPROVED

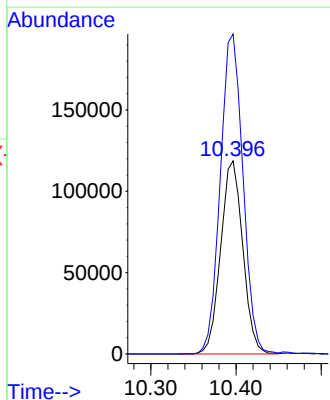
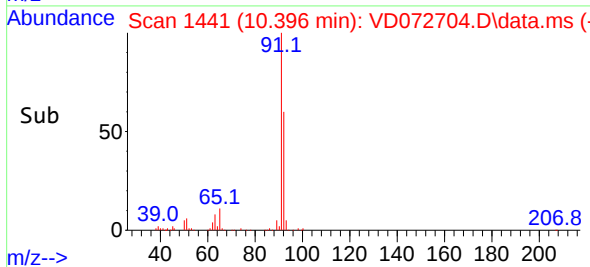
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#52
Toluene
Concen: 20.503 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03



Tgt Ion: 92 Resp: 213798
Ion Ratio Lower Upper
92 100
91 169.8 139.6 209.4





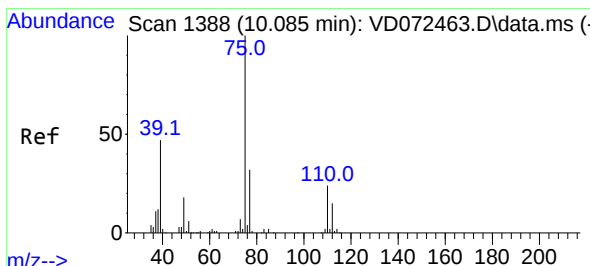
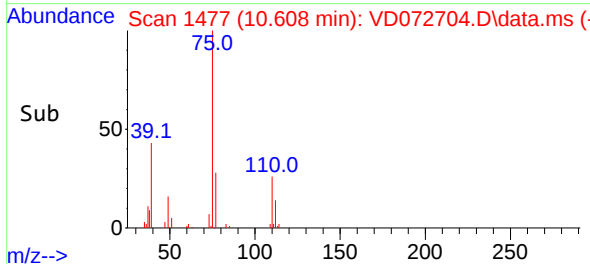
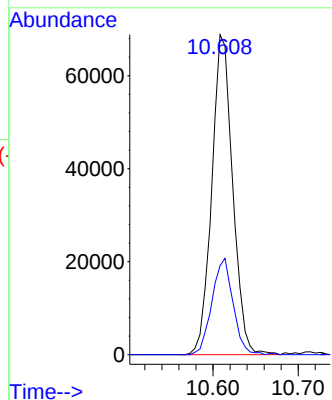
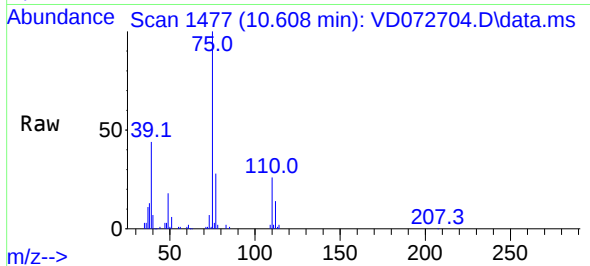
#53
t-1,3-Dichloropropene
Concen: 20.457 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03

Instrument :
MSVOA_D
ClientSampleId :
VD0425SBS02

Tgt Ion: 75 Resp: 11732
Ion Ratio Lower Upper
75 100
77 27.8 24.5 36.7

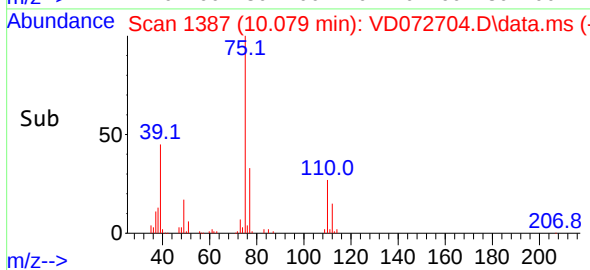
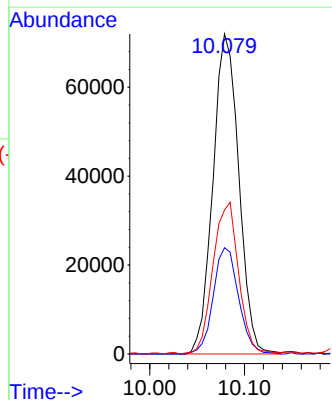
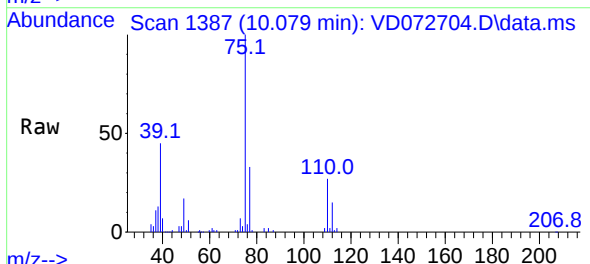
Manual Integrations
APPROVED

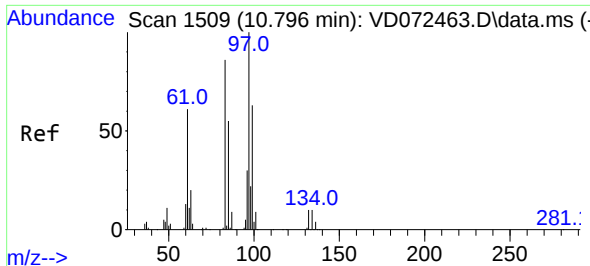
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#54
cis-1,3-Dichloropropene
Concen: 20.149 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. -0.006 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03

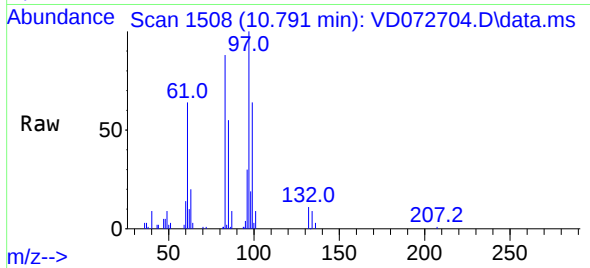
Tgt Ion: 75 Resp: 136619
Ion Ratio Lower Upper
75 100
77 33.2 24.8 37.2
39 45.0 46.8 70.2#





#55
1,1,2-Trichloroethane
Concen: 20.846 ug/l
RT: 10.791 min Scan# 1509
Delta R.T. -0.006 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03

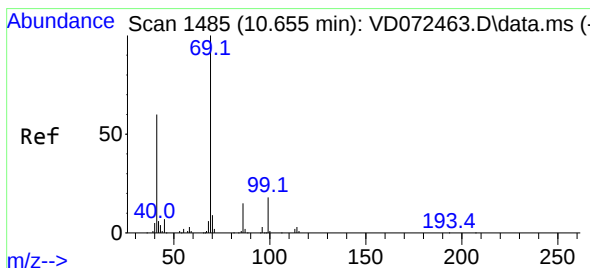
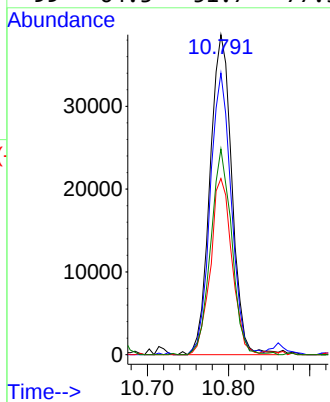
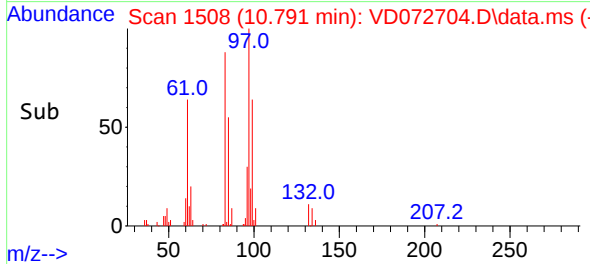
Instrument :
MSVOA_D
ClientSampleId :
VD0425SBS02



Tgt Ion: 97 Resp: 7239
Ion Ratio Lower Upper
97 100
83 88.0 69.0 103.4
85 55.0 42.6 63.8
99 64.3 51.7 77.5

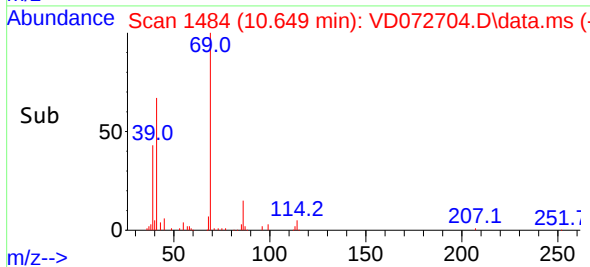
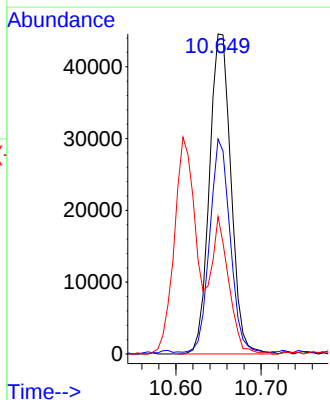
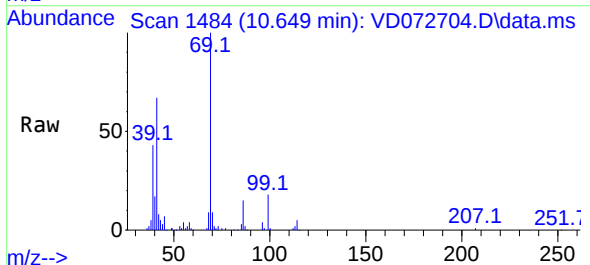
Manual Integrations
APPROVED

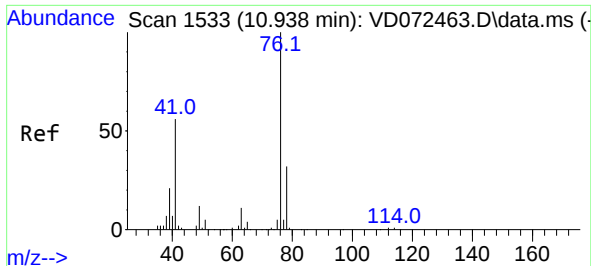
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#56
Ethyl methacrylate
Concen: 19.142 ug/l
RT: 10.649 min Scan# 1484
Delta R.T. -0.006 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03

Tgt Ion: 69 Resp: 78526
Ion Ratio Lower Upper
69 100
41 63.2 63.0 94.6
39 35.9 33.8 50.8





#57

1,3-Dichloropropane

Concen: 20.631 ug/l

RT: 10.932 min Scan# 118454

Delta R.T. -0.006 min

Lab File: VD072704.D

Acq: 25 Apr 2022 13:03

Instrument :

MSVOA_D

ClientSampleId :

VD0425SBS02

Tgt Ion: 76 Resp: 118454

Ion Ratio Lower Upper

76 100

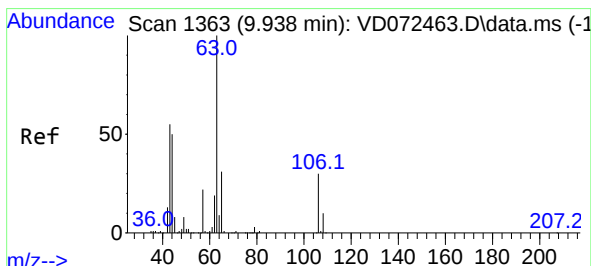
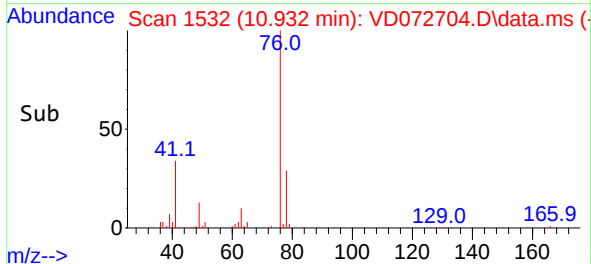
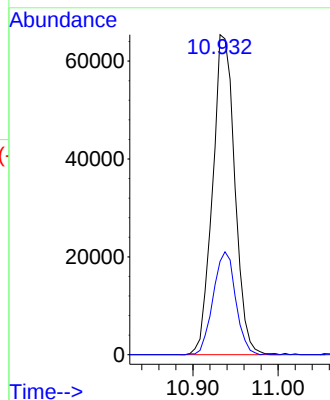
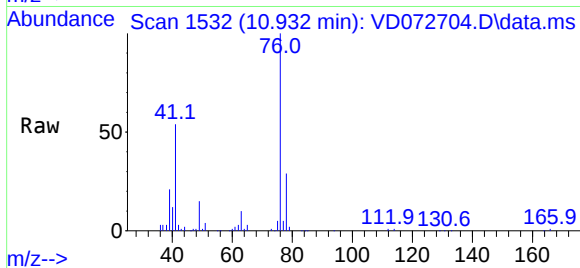
78 32.5 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2022

Supervised By :Mahesh Dadoda 04/26/2022



#58

2-Chloroethyl Vinyl ether

Concen: 124.552 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.006 min

Lab File: VD072704.D

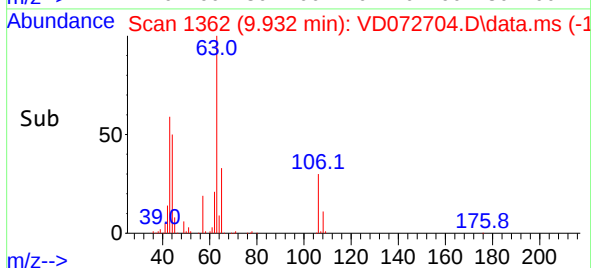
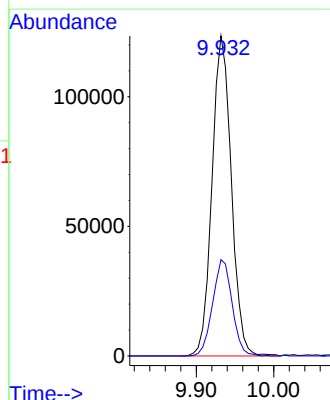
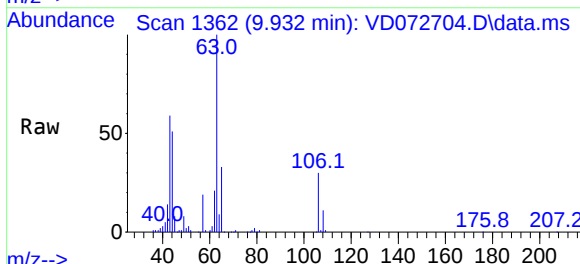
Acq: 25 Apr 2022 13:03

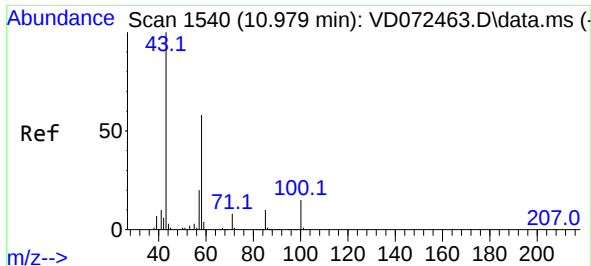
Tgt Ion: 63 Resp: 213557

Ion Ratio Lower Upper

63 100

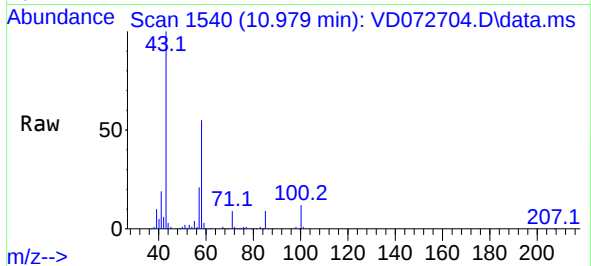
106 30.4 21.4 32.0





#59
2-Hexanone
Concen: 101.530 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03

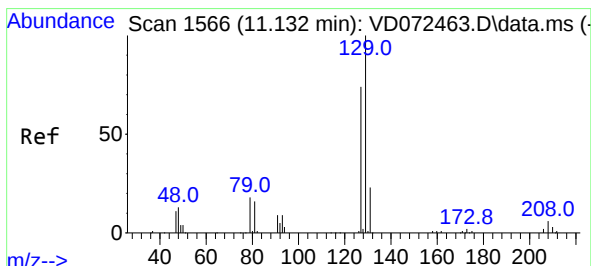
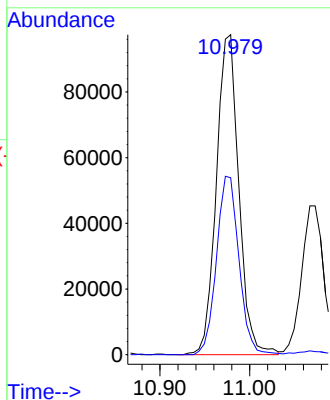
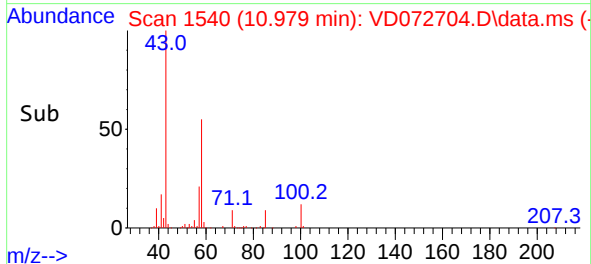
Instrument :
MSVOA_D
ClientSampleId :
VD0425SBS02



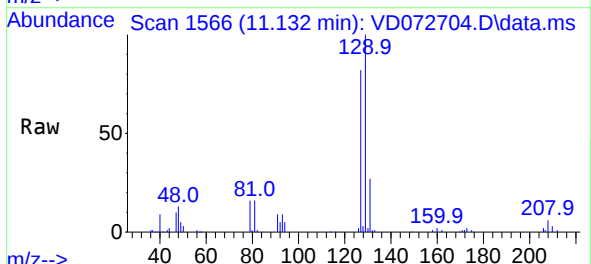
Tgt Ion: 43 Resp: 16923
Ion Ratio Lower Upper
43 100
58 55.8 25.3 75.9

Manual Integrations
APPROVED

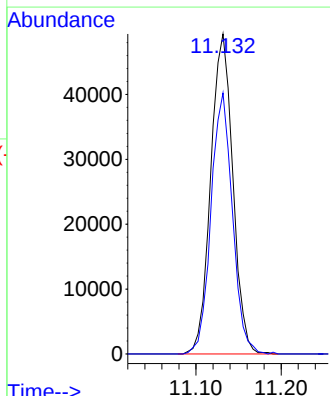
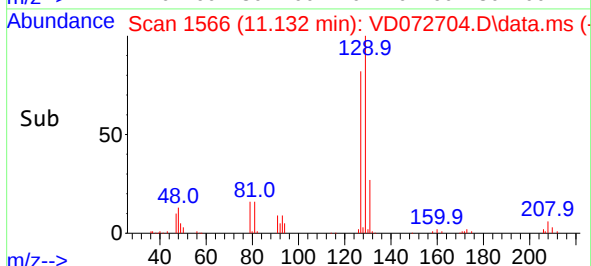
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

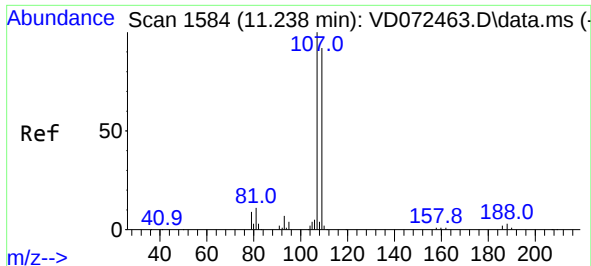


#60
Dibromochloromethane
Concen: 19.824 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03



Tgt Ion:129 Resp: 88809
Ion Ratio Lower Upper
129 100
127 79.0 39.2 117.6





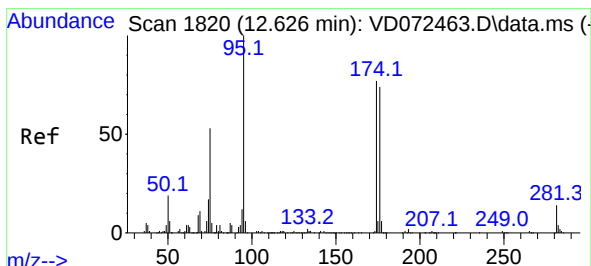
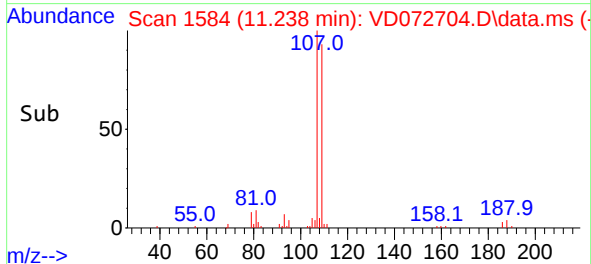
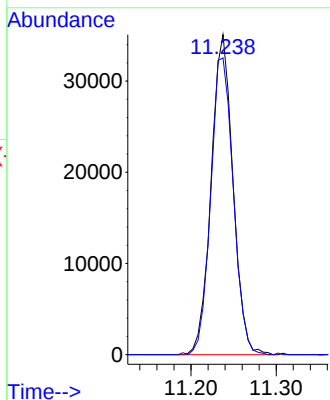
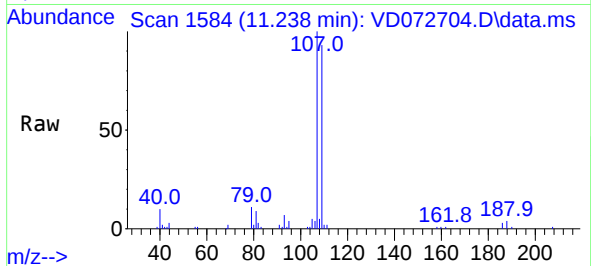
#61
1,2-Dibromoethane
Concen: 20.226 ug/l
RT: 11.238 min Scan# 1119
Delta R.T. -0.000 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03

Instrument :
MSVOA_D
ClientSampleId :
VD0425SBS02

Tgt Ion:107 Resp: 62368
Ion Ratio Lower Upper
107 100
109 96.1 74.2 111.4

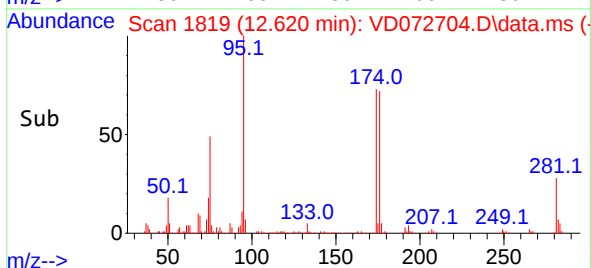
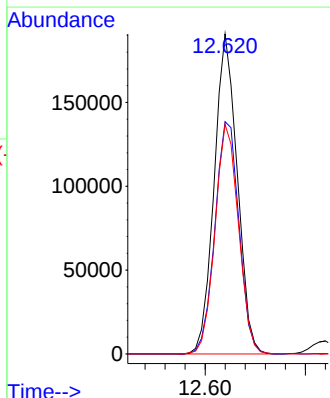
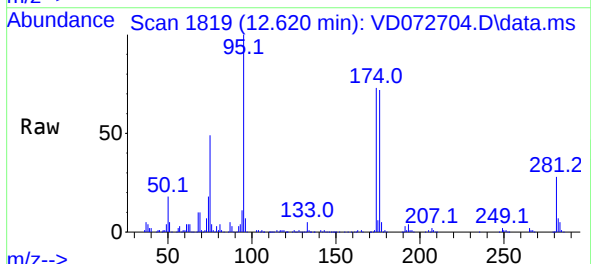
Manual Integrations
APPROVED

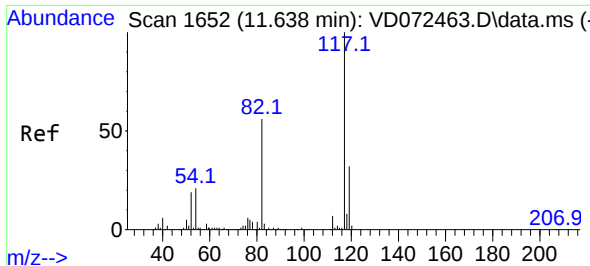
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#62
4-Bromofluorobenzene
Concen: 49.948 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03

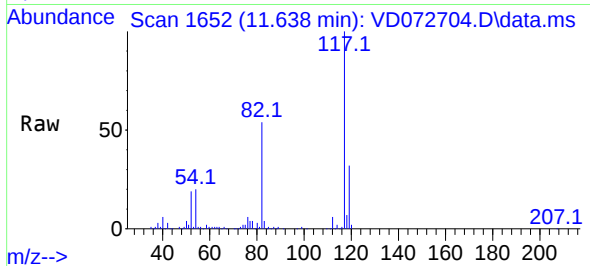
Tgt Ion: 95 Resp: 304757
Ion Ratio Lower Upper
95 100
174 75.8 0.0 152.8
176 72.9 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03

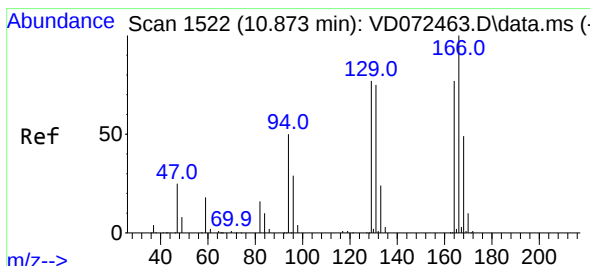
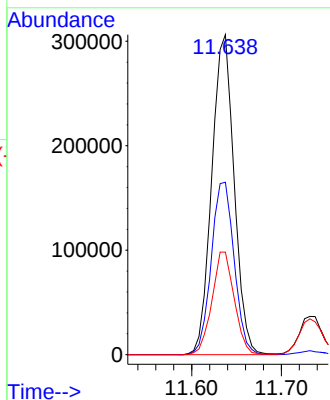
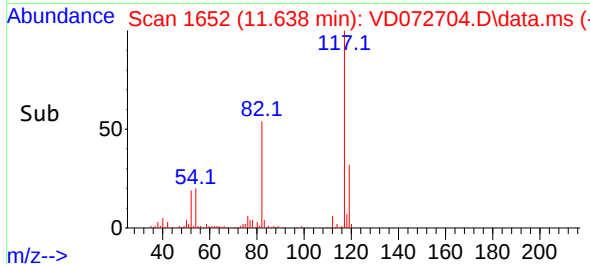
Instrument :
MSVOA_D
ClientSampleId :
VD0425SBS02



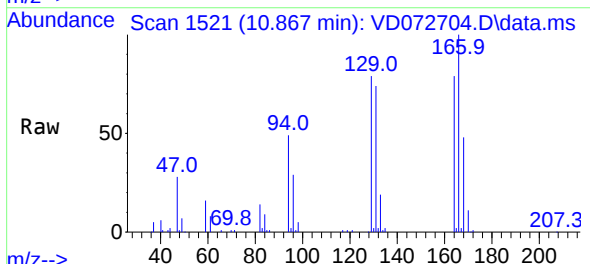
Tgt Ion:117 Resp: 531152
Ion Ratio Lower Upper
117 100
82 53.9 45.3 67.9
119 32.0 26.6 40.0

Manual Integrations
APPROVED

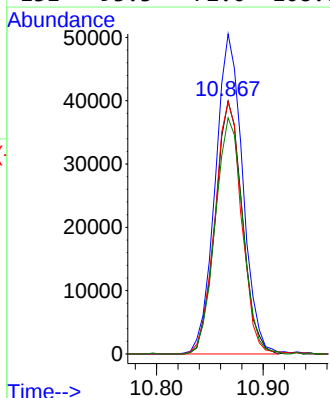
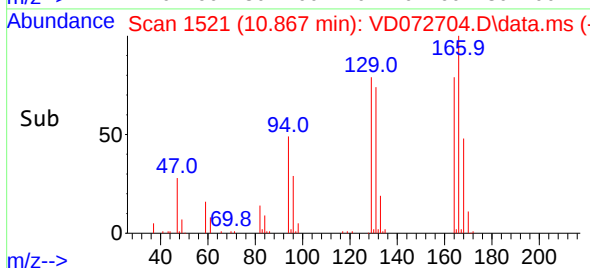
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

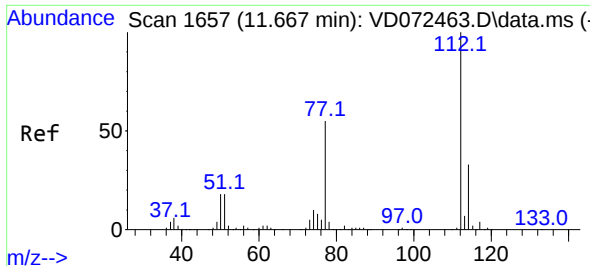


#64
Tetrachloroethene
Concen: 20.227 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03



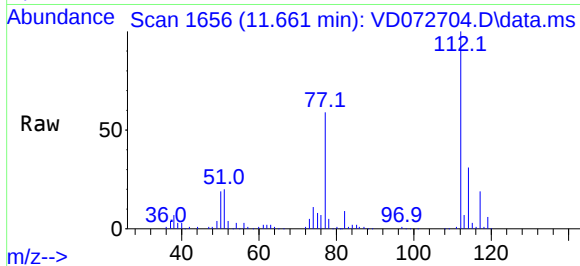
Tgt Ion:164 Resp: 70194
Ion Ratio Lower Upper
164 100
166 126.5 98.5 147.7
129 99.5 74.6 111.8
131 93.3 72.0 108.0





#65
Chlorobenzene
Concen: 20.680 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.006 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03

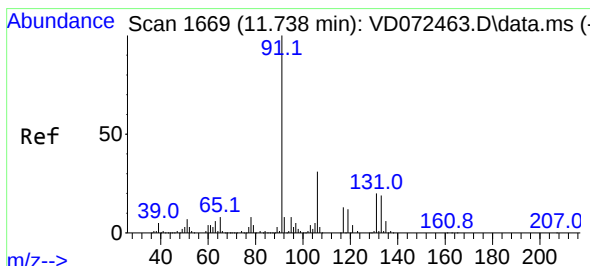
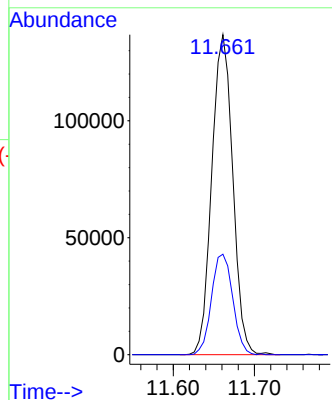
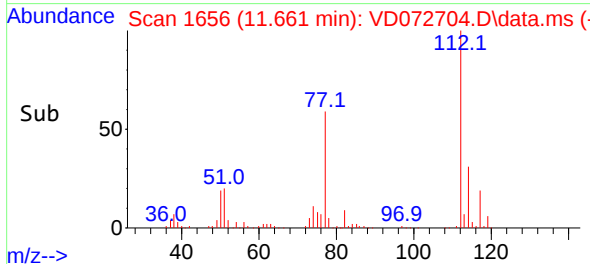
Instrument :
MSVOA_D
ClientSampleId :
VD0425SBS02



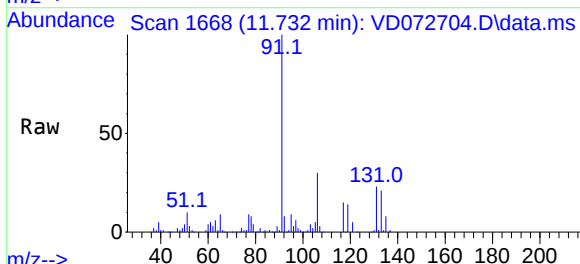
Tgt Ion:112 Resp: 24558
Ion Ratio Lower Upper
112 100
114 31.4 25.8 38.6

Manual Integrations
APPROVED

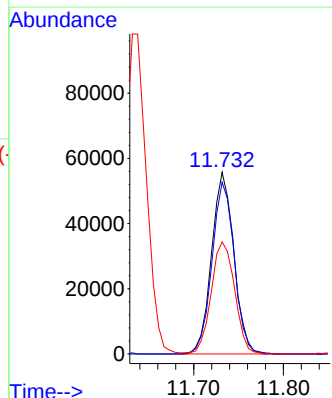
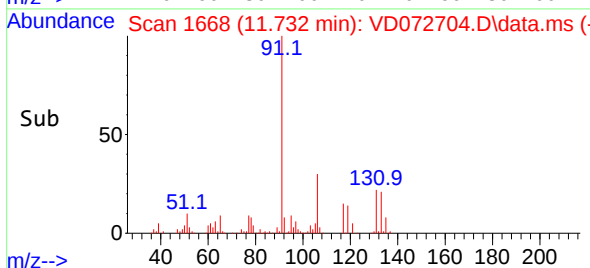
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

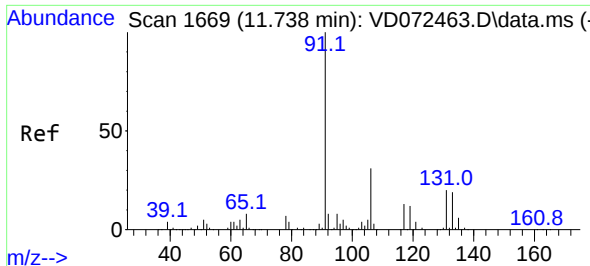


#66
1,1,1,2-Tetrachloroethane
Concen: 20.172 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03



Tgt Ion:131 Resp: 95770
Ion Ratio Lower Upper
131 100
133 95.0 48.1 144.3
119 65.2 31.9 95.9





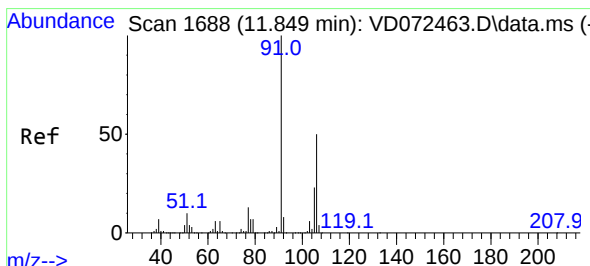
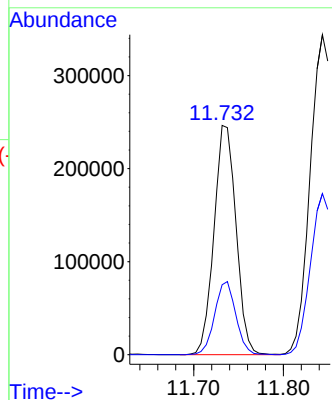
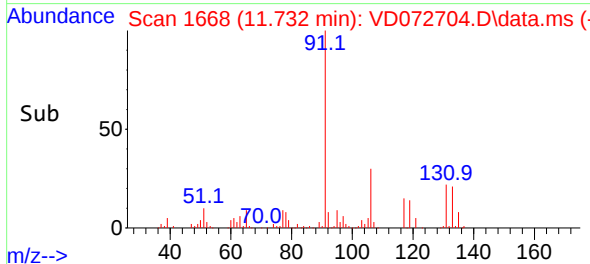
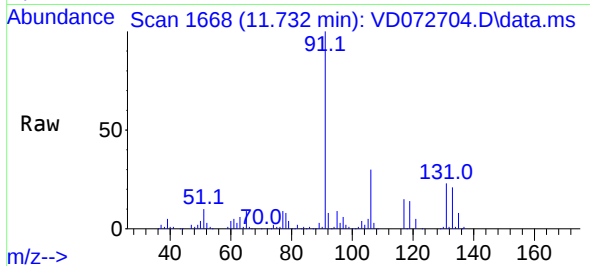
#67
Ethyl Benzene
Concen: 20.288 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03

Instrument :
MSVOA_D
ClientSampleId :
VD0425SBS02

Tgt Ion: 91 Resp: 42038
Ion Ratio Lower Upper
91 100
106 30.5 24.2 36.4

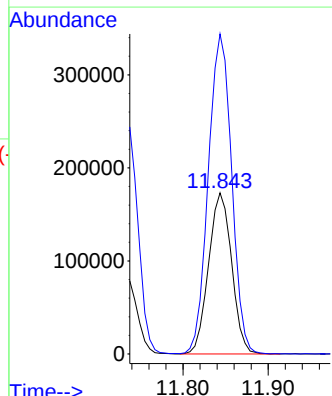
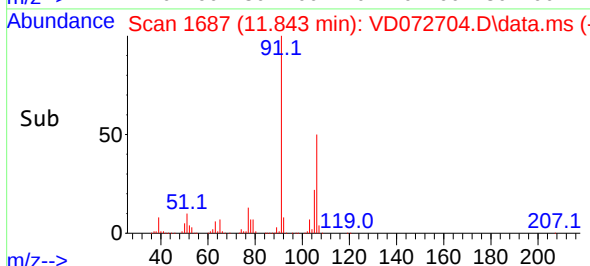
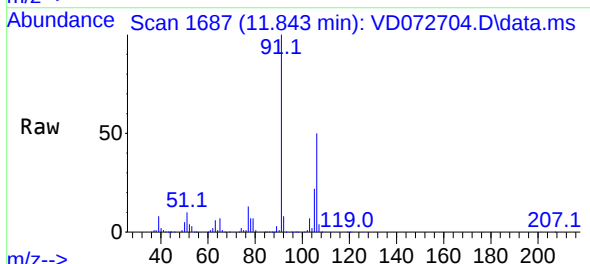
Manual Integrations
APPROVED

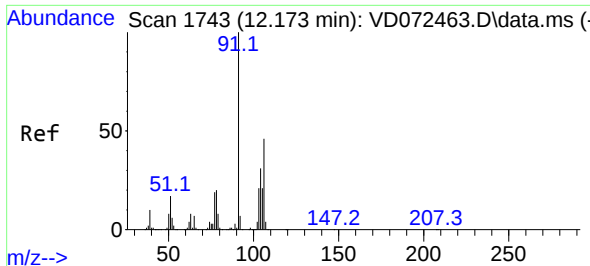
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#68
m/p-Xylenes
Concen: 41.392 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.006 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03

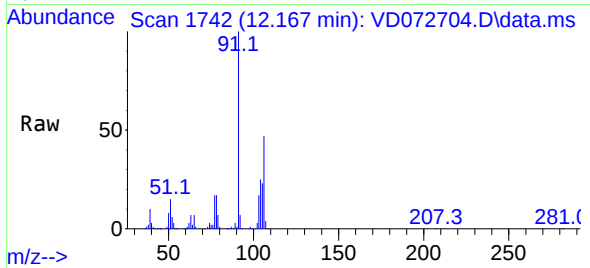
Tgt Ion:106 Resp: 325387
Ion Ratio Lower Upper
106 100
91 201.4 163.7 245.5





#69
o-Xylene
Concen: 20.451 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. -0.006 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03

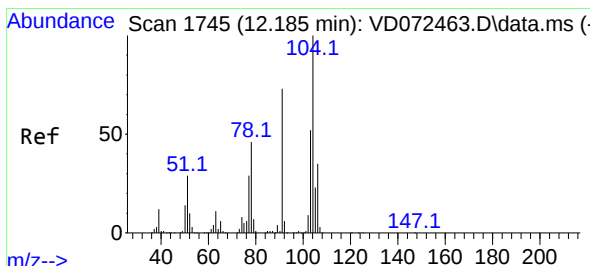
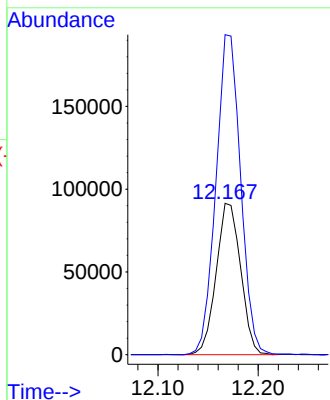
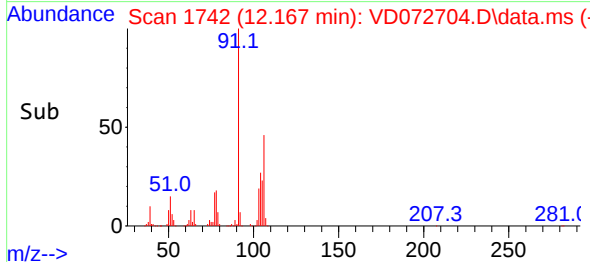
Instrument :
MSVOA_D
ClientSampleId :
VD0425SBS02



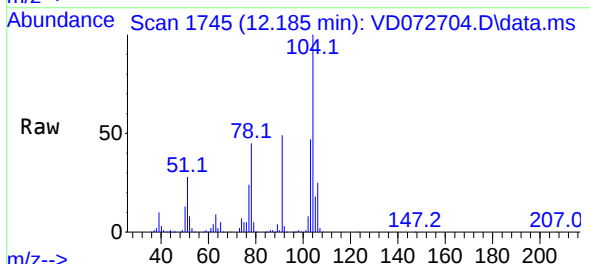
Tgt Ion:106 Resp: 155112
Ion Ratio Lower Upper
106 100
91 213.3 110.4 331.2

Manual Integrations
APPROVED

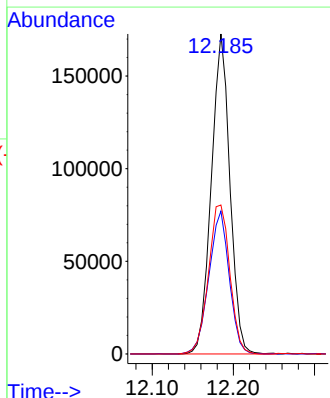
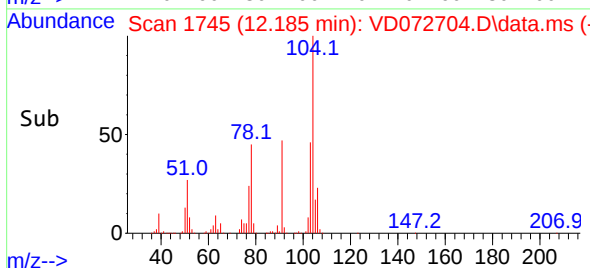
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

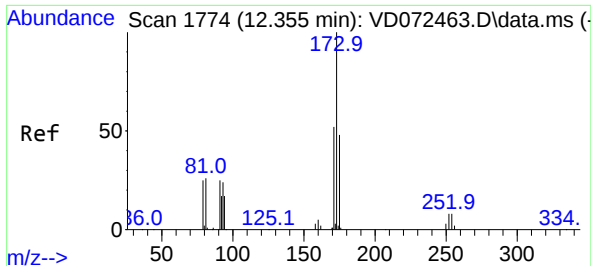


#70
Styrene
Concen: 20.563 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03



Tgt Ion:104 Resp: 274875
Ion Ratio Lower Upper
104 100
78 48.9 41.8 62.8
103 53.7 44.2 66.4





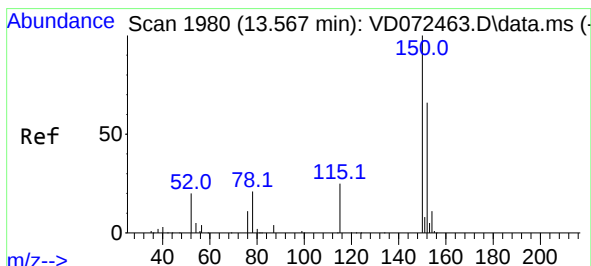
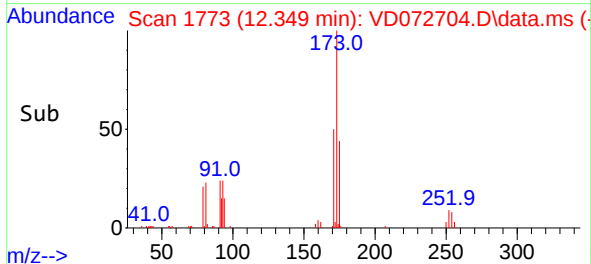
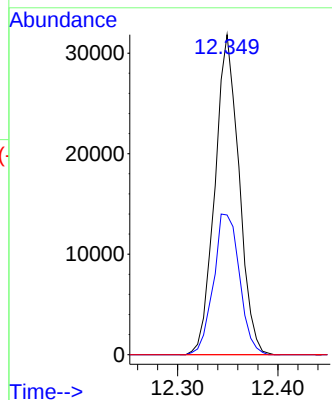
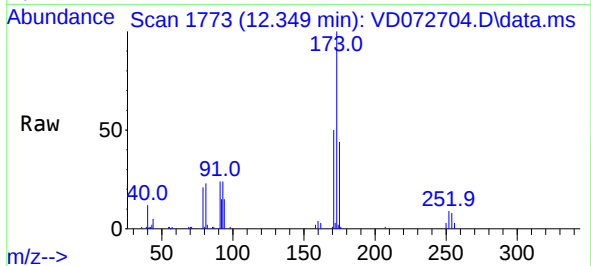
#71
Bromoform
Concen: 21.091 ug/l
RT: 12.349 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03

Instrument :
MSVOA_D
ClientSampleId :
VD0425SBS02

Tgt Ion:173 Resp: 53084
Ion Ratio Lower Upper
173 100
175 47.4 23.9 71.8
254 0.0 0.0 0.0

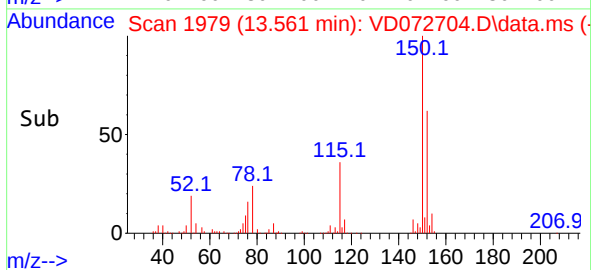
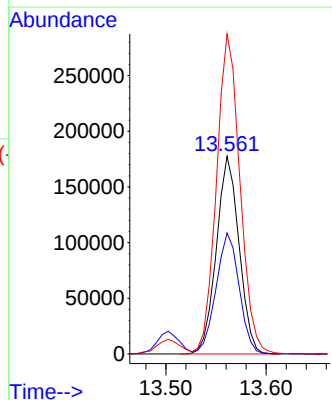
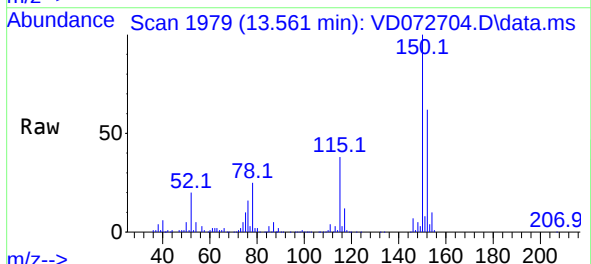
Manual Integrations
APPROVED

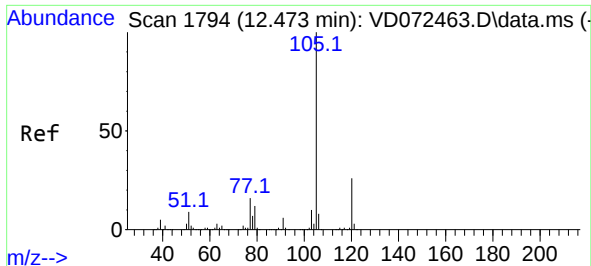
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03

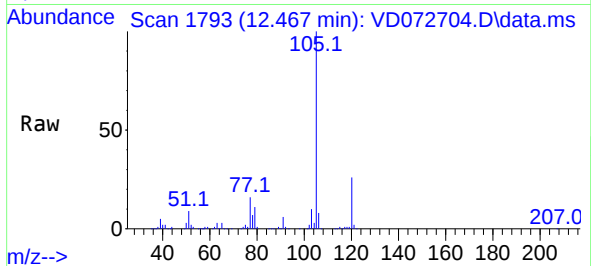
Tgt Ion:152 Resp: 278634
Ion Ratio Lower Upper
152 100
115 62.5 31.3 93.8
150 167.7 0.0 348.6





#73
Isopropylbenzene
Concen: 19.111 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03

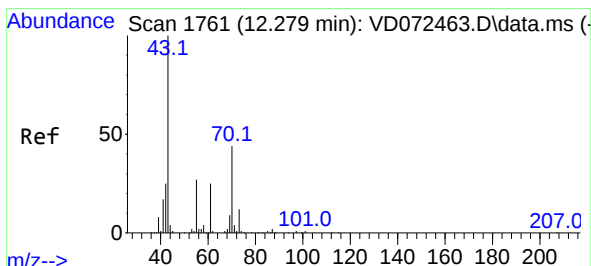
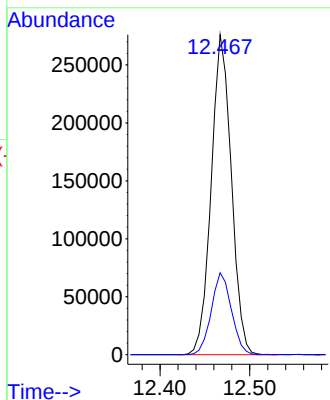
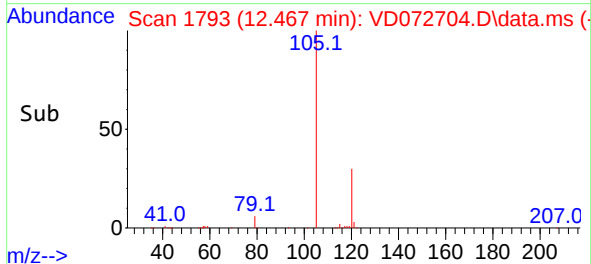
Instrument :
MSVOA_D
ClientSampleId :
VD0425SBS02



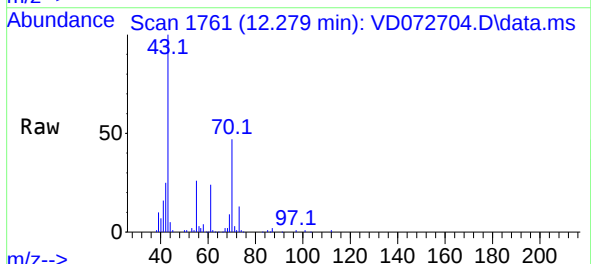
Tgt Ion:105 Resp: 430049
Ion Ratio Lower Upper
105 100
120 25.6 13.0 38.9

Manual Integrations
APPROVED

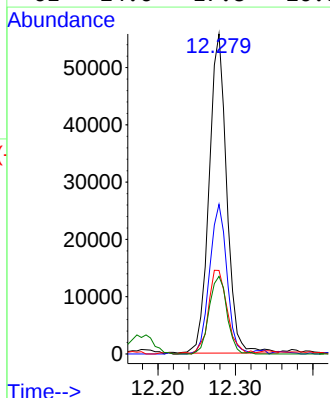
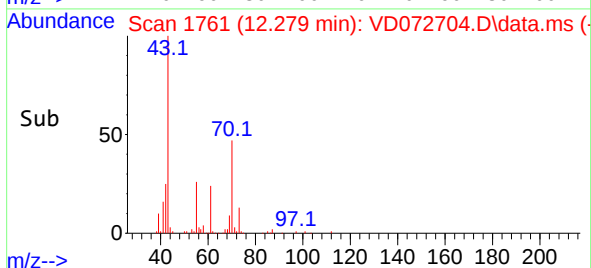
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

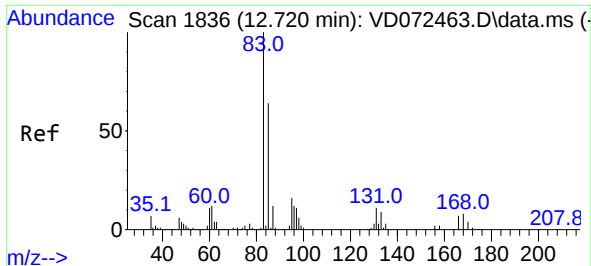


#74
N-ethyl acetate
Concen: 18.625 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03



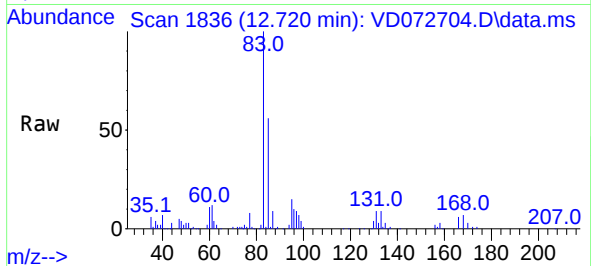
Tgt Ion: 43 Resp: 87939
Ion Ratio Lower Upper
43 100
70 46.0 31.3 46.9
55 28.3 20.0 30.0
61 24.6 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 19.703 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03

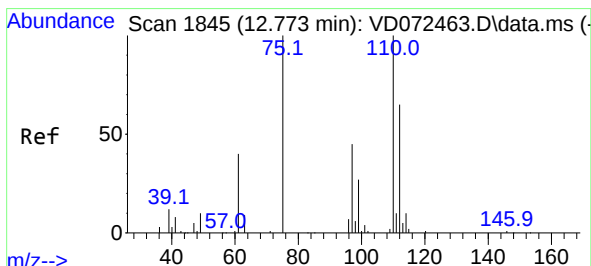
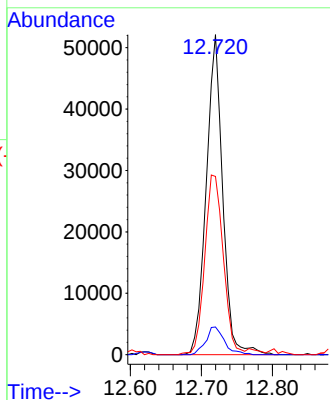
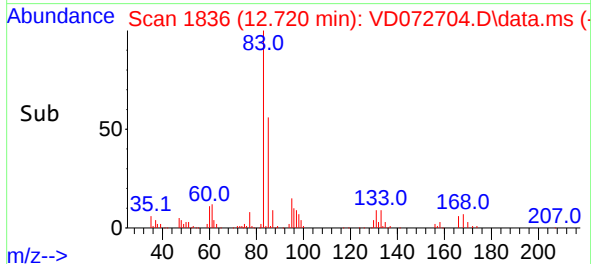
Instrument :
MSVOA_D
ClientSampleId :
VD0425SBS02



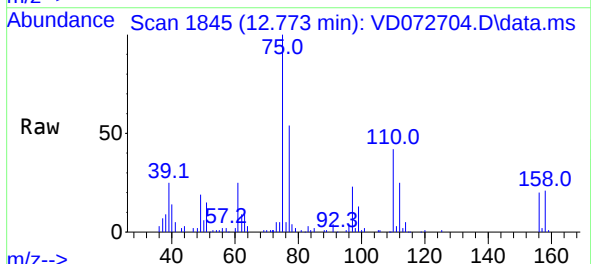
Tgt Ion: 83 Resp: 83980
Ion Ratio Lower Upper
83 100
131 9.8 5.0 14.9
85 63.2 32.6 98.0

Manual Integrations
APPROVED

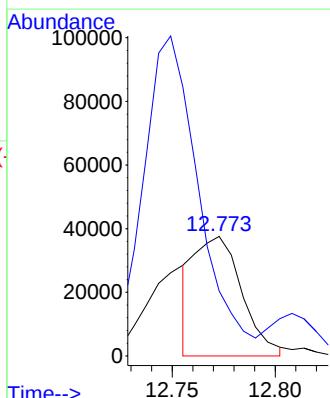
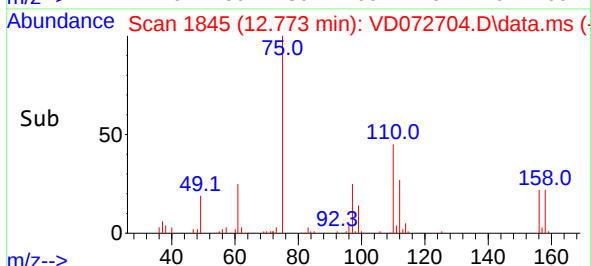
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

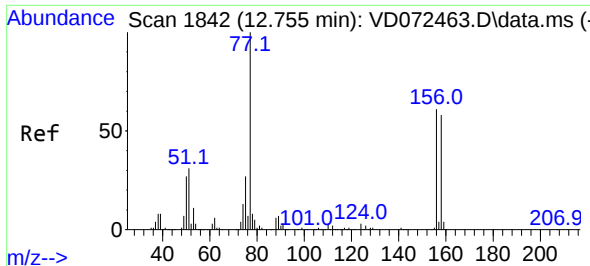


#76
1,2,3-Trichloropropane
Concen: 19.908 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03



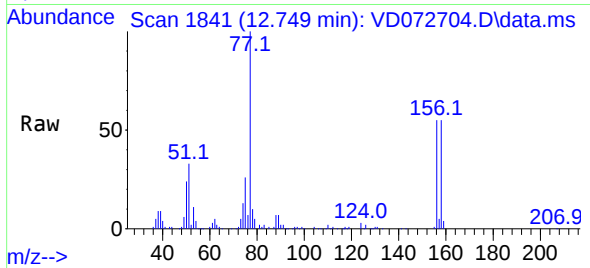
Tgt Ion: 75 Resp: 60500
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 19.576 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.006 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03

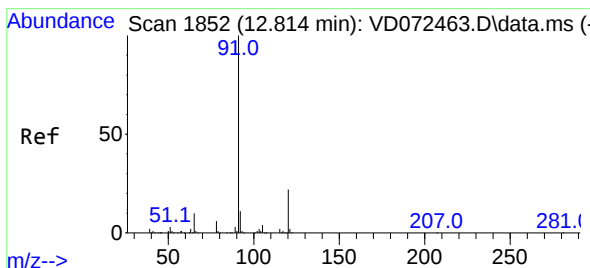
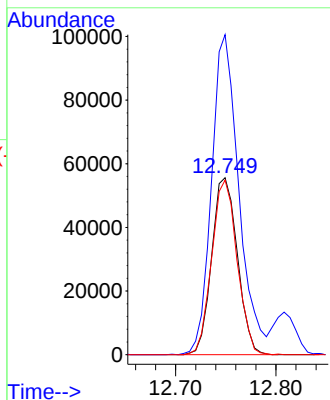
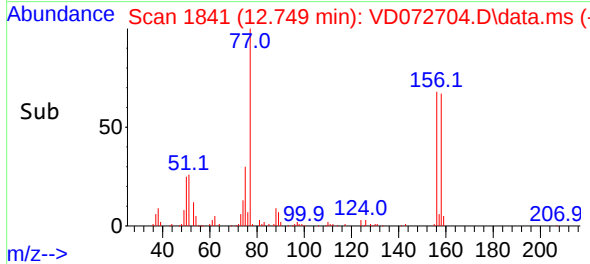
Instrument :
MSVOA_D
ClientSampleId :
VD0425SBS02



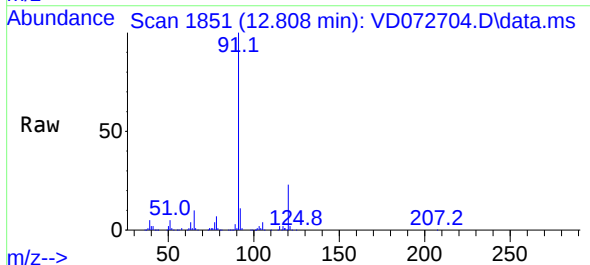
Tgt Ion:156 Resp: 98735
Ion Ratio Lower Upper
156 100
77 192.3 102.8 308.3
158 97.7 48.7 146.1

Manual Integrations
APPROVED

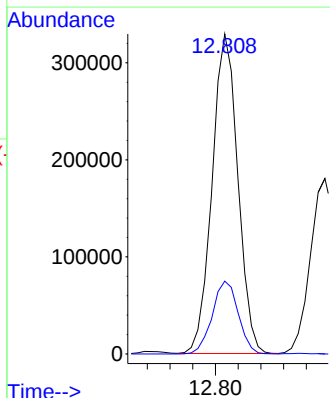
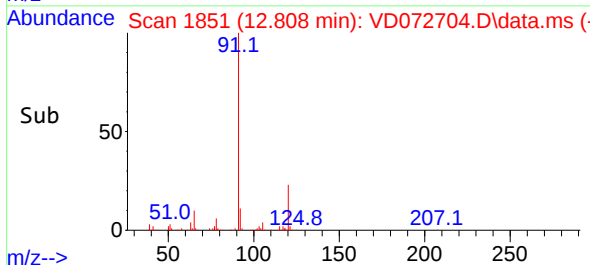
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#78
n-propylbenzene
Concen: 19.080 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03



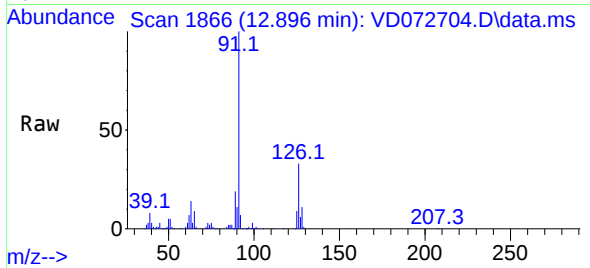
Tgt Ion: 91 Resp: 517962
Ion Ratio Lower Upper
91 100
120 23.0 10.9 32.9





#79
2-Chlorotoluene
Concen: 18.914 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03

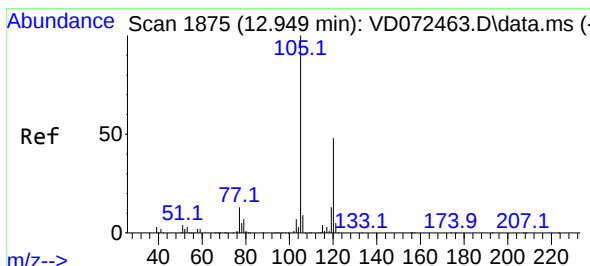
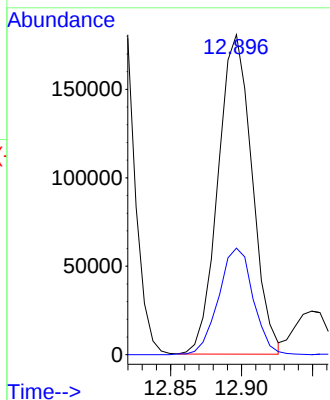
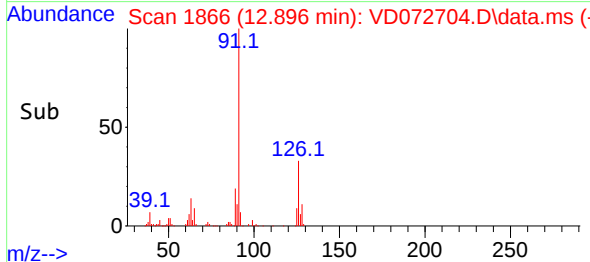
Instrument :
MSVOA_D
ClientSampleId :
VD0425SBS02



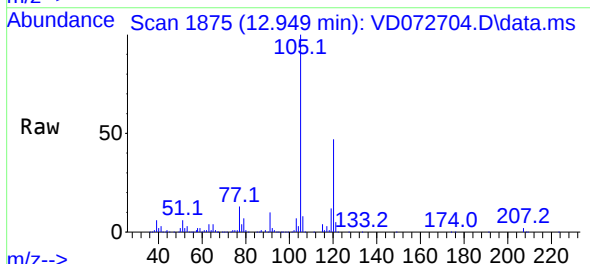
Tgt Ion: 91 Resp: 300280
Ion Ratio Lower Upper
91 100
126 33.9 16.2 48.6

Manual Integrations
APPROVED

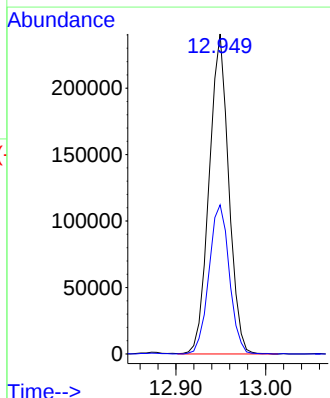
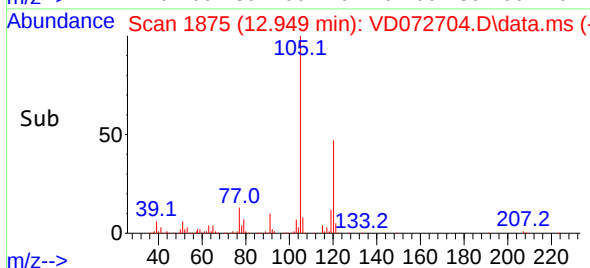
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

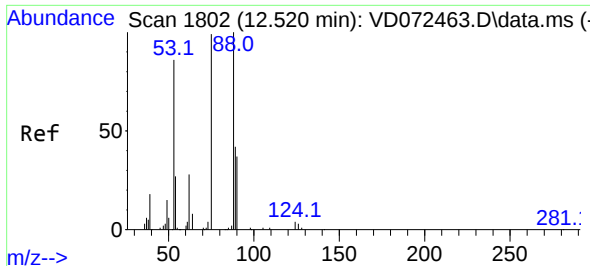


#80
1,3,5-Trimethylbenzene
Concen: 18.914 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03



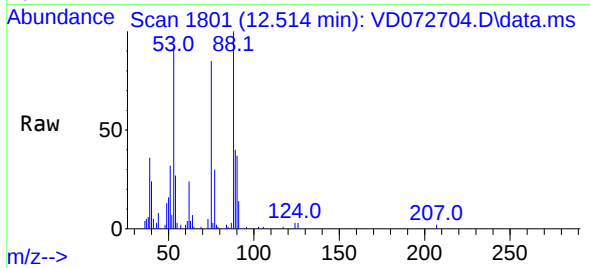
Tgt Ion:105 Resp: 364519
Ion Ratio Lower Upper
105 100
120 48.5 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 19.442 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. -0.006 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03

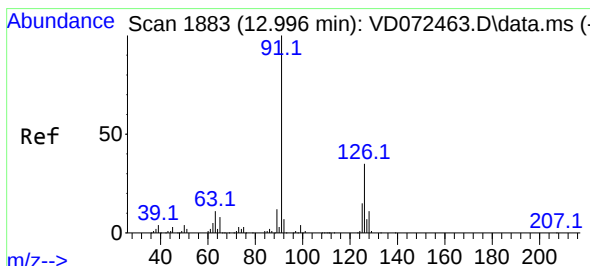
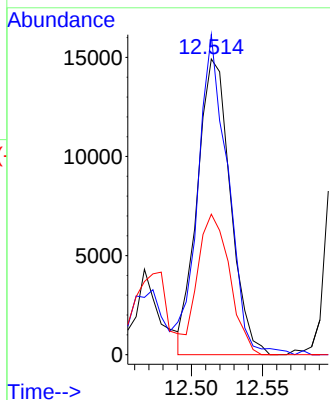
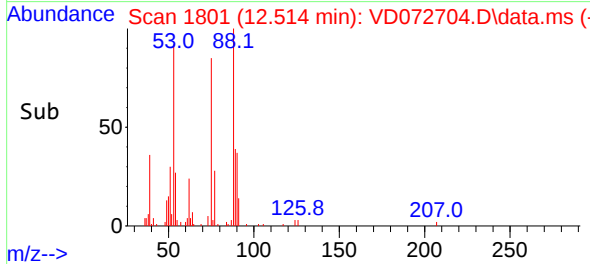
Instrument :
MSVOA_D
ClientSampleId :
VD0425SBS02



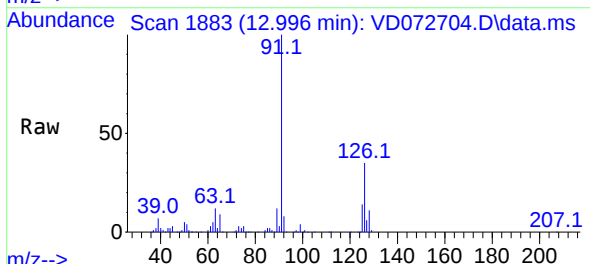
Tgt Ion: 75 Resp: 24078
Ion Ratio Lower Upper
75 100
53 99.6 86.5 129.7
89 45.1 33.9 50.9

Manual Integrations
APPROVED

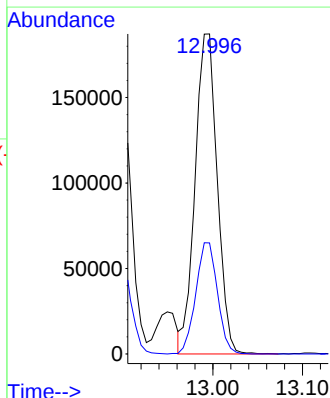
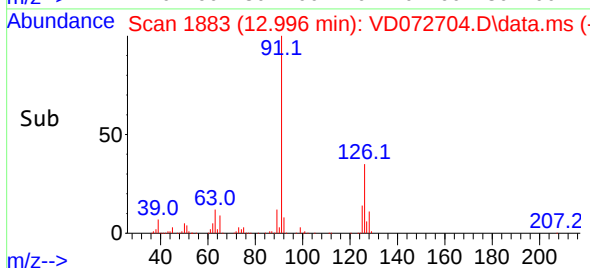
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

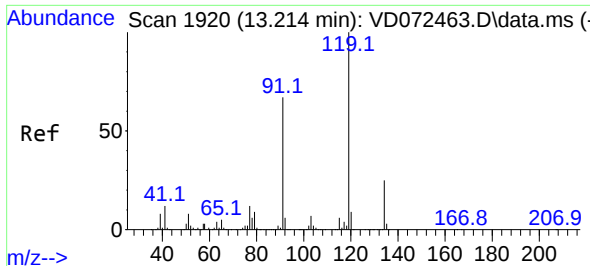


#82
4-Chlorotoluene
Concen: 19.402 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03



Tgt Ion: 91 Resp: 320793
Ion Ratio Lower Upper
91 100
126 34.1 16.5 49.5





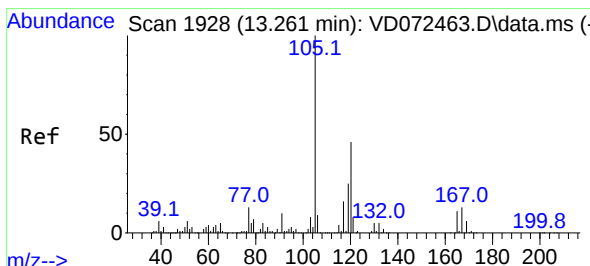
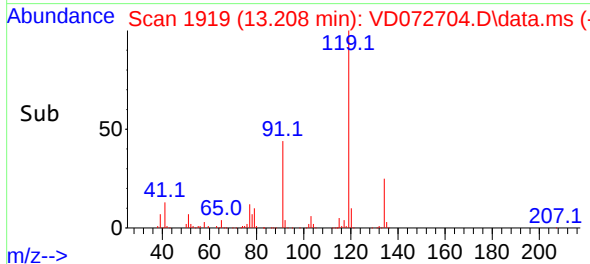
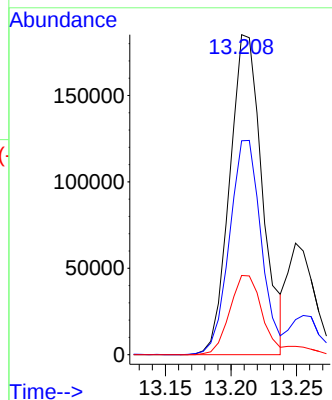
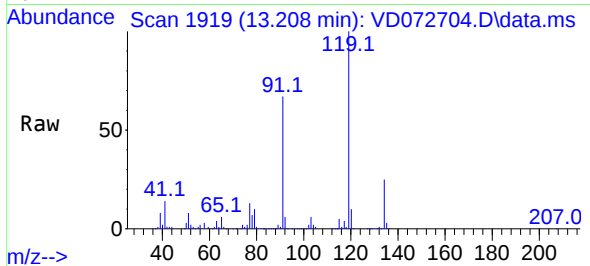
#83
tert-Butylbenzene
Concen: 19.223 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. -0.006 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03

Instrument :
MSVOA_D
ClientSampleId :
VD0425SBS02

Tgt Ion:119 Resp: 320732
Ion Ratio Lower Upper
119 100
91 65.0 34.8 104.5
134 26.5 13.3 39.9

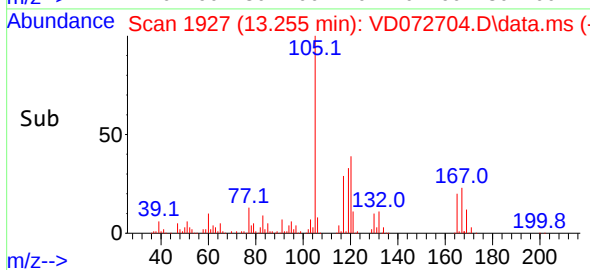
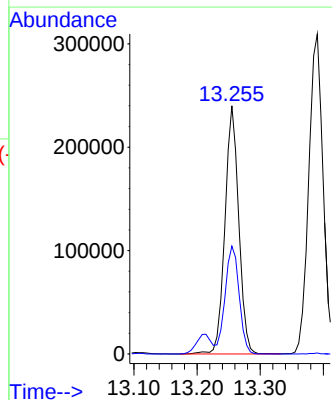
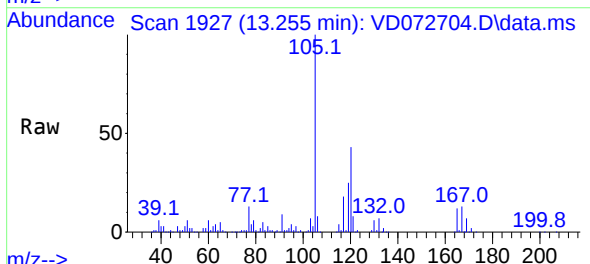
Manual Integrations
APPROVED

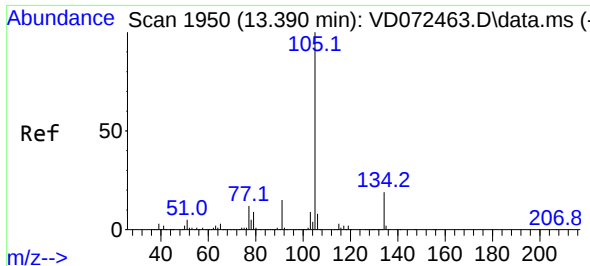
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#84
1,2,4-Trimethylbenzene
Concen: 19.353 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03

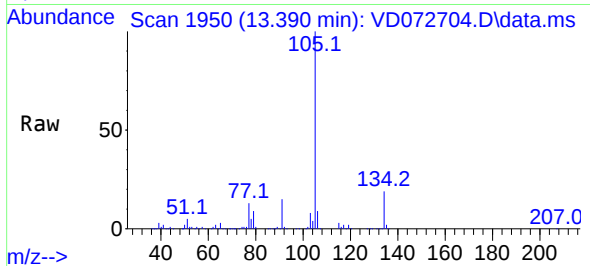
Tgt Ion:105 Resp: 364723
Ion Ratio Lower Upper
105 100
120 44.4 22.3 66.8





#85
sec-Butylbenzene
Concen: 19.301 ug/l
RT: 13.390 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03

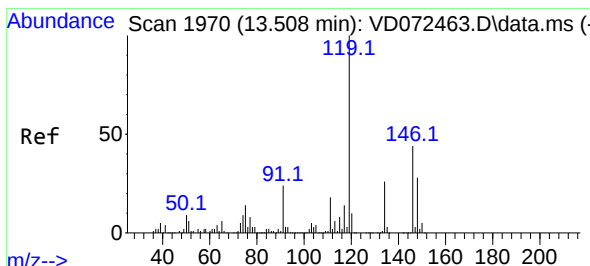
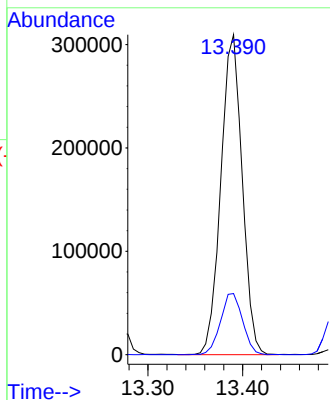
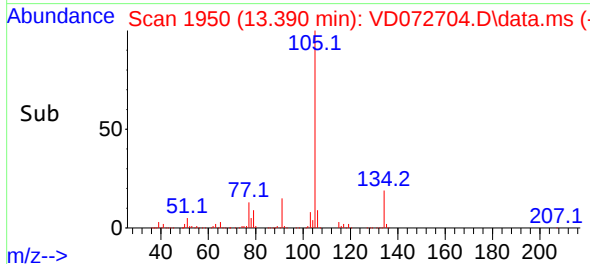
Instrument :
MSVOA_D
ClientSampleId :
VD0425SBS02



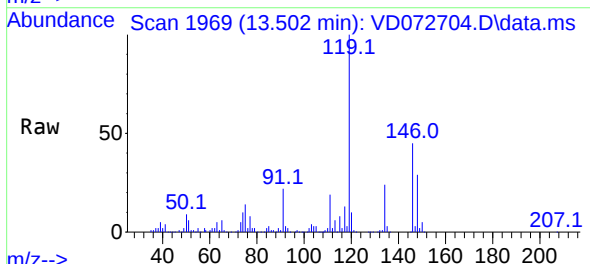
Tgt Ion:105 Resp: 485062
Ion Ratio Lower Upper
105 100
134 19.8 9.8 29.3

Manual Integrations
APPROVED

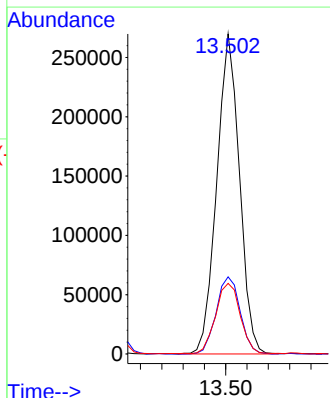
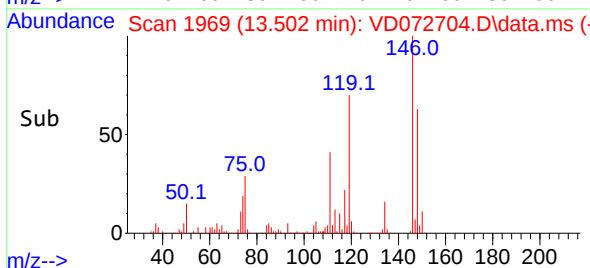
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

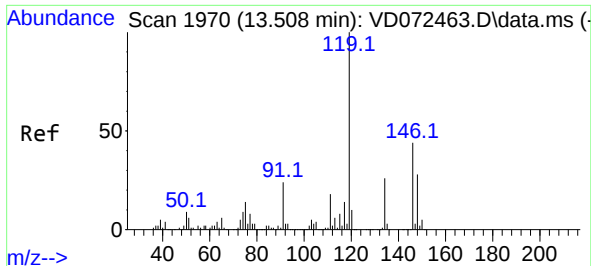


#86
p-Isopropyltoluene
Concen: 19.389 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. -0.006 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03



Tgt Ion:119 Resp: 398279
Ion Ratio Lower Upper
119 100
134 25.4 12.9 38.6
91 24.0 12.1 36.3





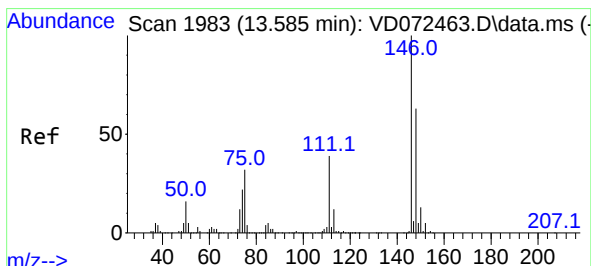
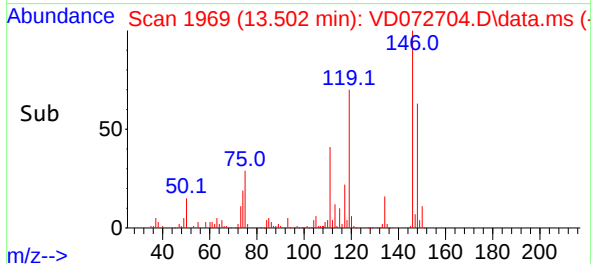
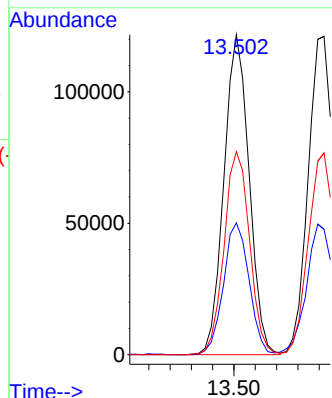
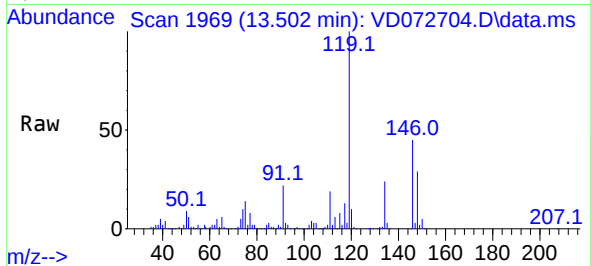
#87
1,3-Dichlorobenzene
Concen: 19.118 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. -0.006 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03

Instrument :
MSVOA_D
ClientSampleId :
VD0425SBS02

Tgt Ion:146 Resp: 199808
Ion Ratio Lower Upper
146 100
111 41.9 20.4 61.3
148 64.4 31.9 95.7

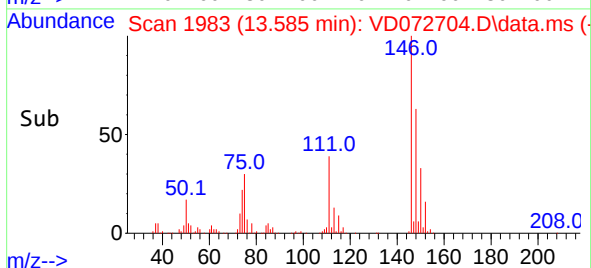
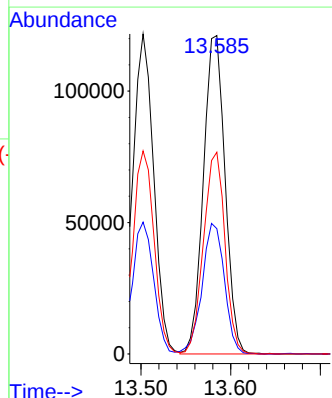
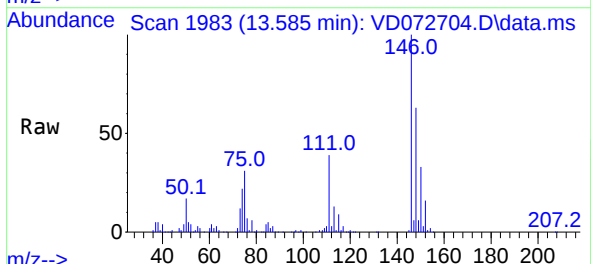
Manual Integrations
APPROVED

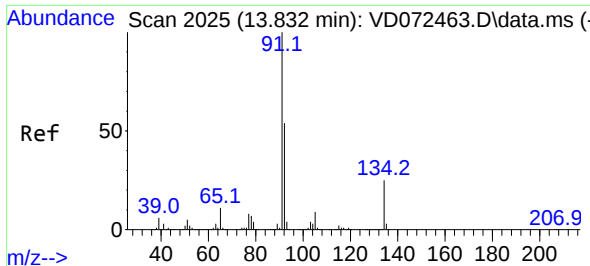
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#88
1,4-Dichlorobenzene
Concen: 19.305 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03

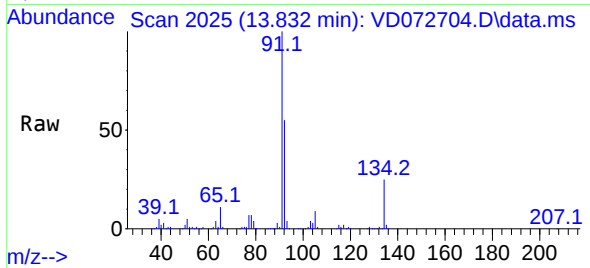
Tgt Ion:146 Resp: 203352
Ion Ratio Lower Upper
146 100
111 42.3 20.3 60.9
148 62.7 31.7 95.1





#89
n-Butylbenzene
Concen: 18.799 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03

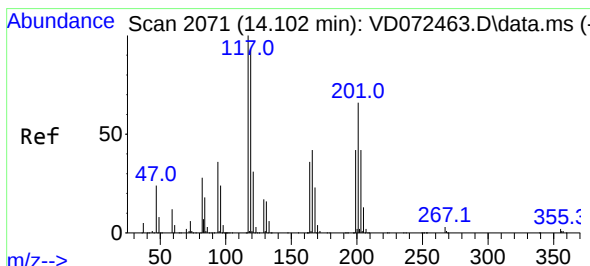
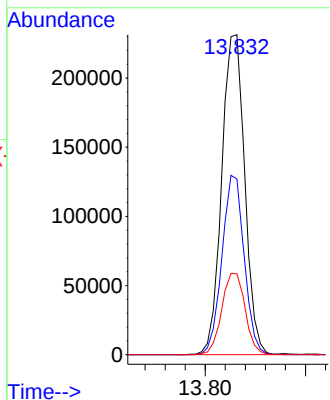
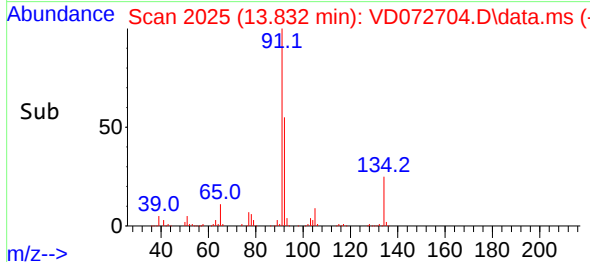
Instrument :
MSVOA_D
ClientSampleId :
VD0425SBS02



Tgt Ion: 91 Resp: 36786
Ion Ratio Lower Upper
91 100
92 54.3 26.6 79.8
134 25.8 12.3 36.9

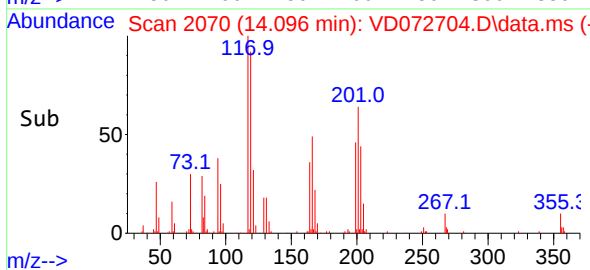
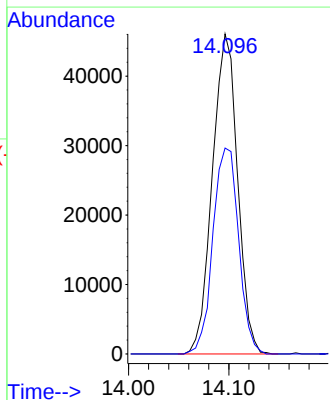
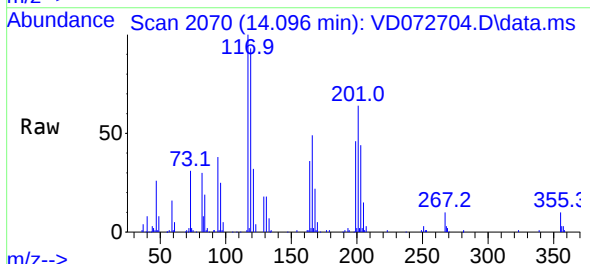
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#90
Hexachloroethane
Concen: 19.078 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. -0.006 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03

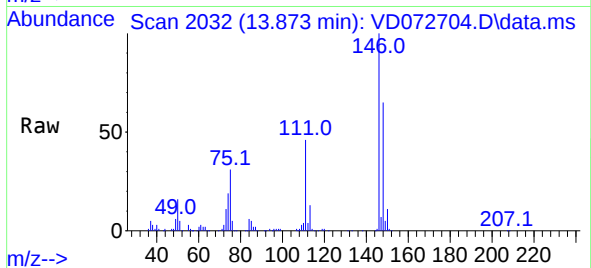
Tgt Ion:117 Resp: 80228
Ion Ratio Lower Upper
117 100
201 65.7 33.4 100.2





#91
1,2-Dichlorobenzene
Concen: 19.652 ug/l
RT: 13.873 min Scan# 2033
Delta R.T. -0.006 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03

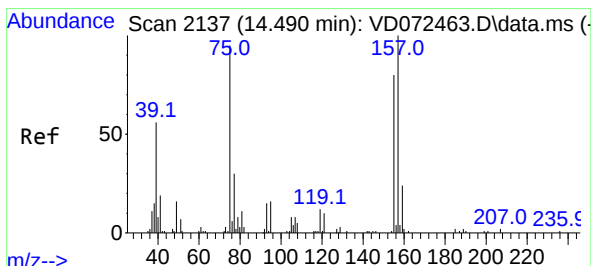
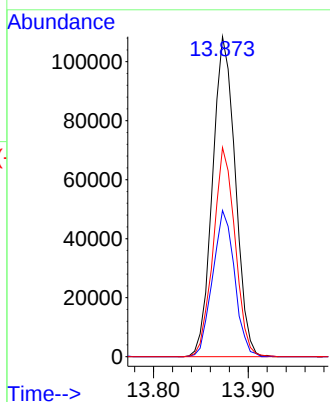
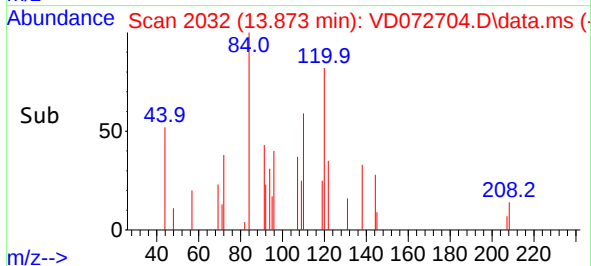
Instrument :
MSVOA_D
ClientSampleId :
VD0425SBS02



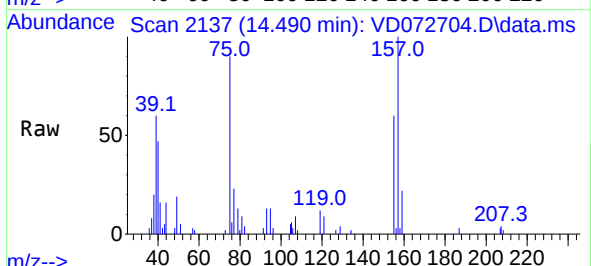
Tgt Ion:146 Resp: 18115
Ion Ratio Lower Upper
146 100
111 44.1 21.1 63.3
148 62.8 31.7 95.1

Manual Integrations
APPROVED

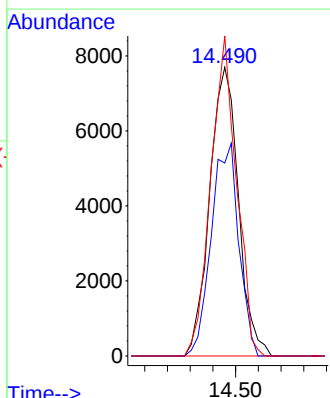
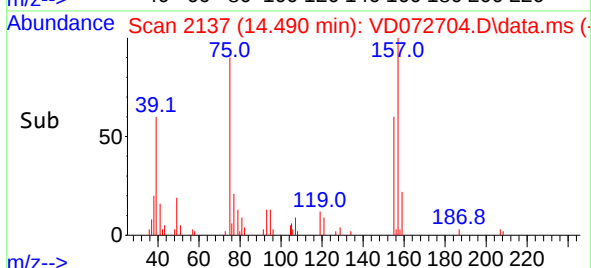
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

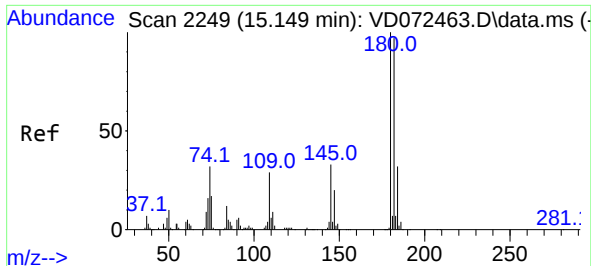


#92
1,2-Dibromo-3-Chloropropane
Concen: 21.419 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03



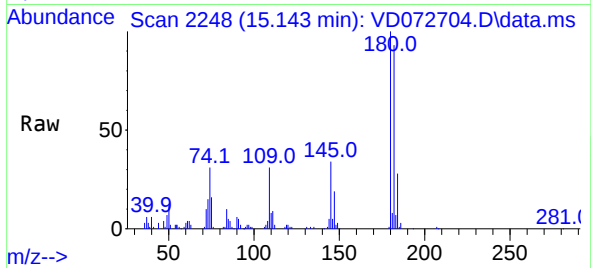
Tgt Ion: 75 Resp: 13502
Ion Ratio Lower Upper
75 100
155 70.4 36.8 110.3
157 99.5 48.4 145.0





#93
1,2,4-Trichlorobenzene
Concen: 19.216 ug/l
RT: 15.143 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03

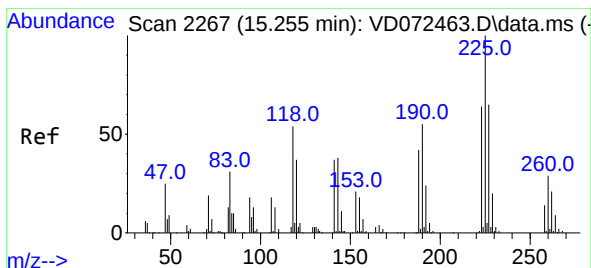
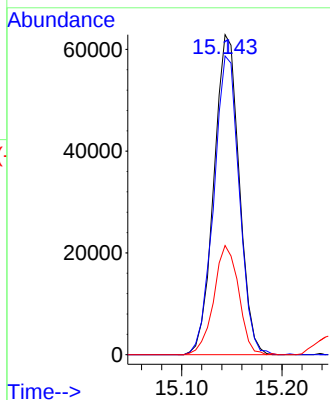
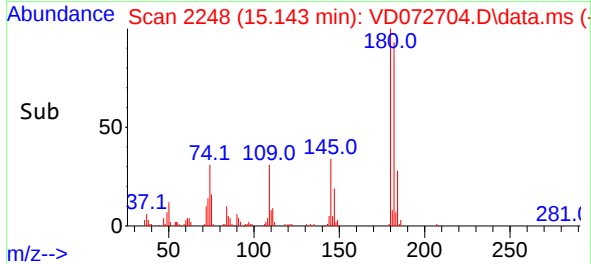
Instrument :
MSVOA_D
ClientSampleId :
VD0425SBS02



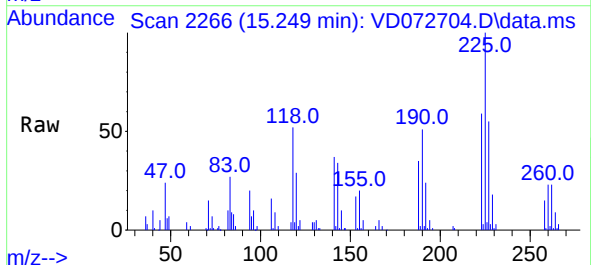
Tgt Ion:180 Resp: 109794
Ion Ratio Lower Upper
180 100
182 94.3 47.3 142.0
145 33.7 16.2 48.5

Manual Integrations
APPROVED

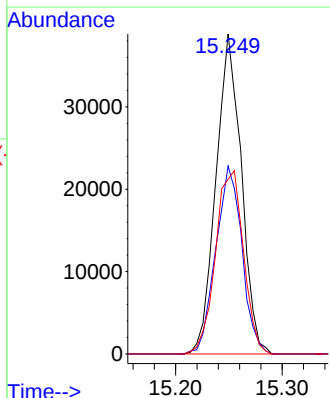
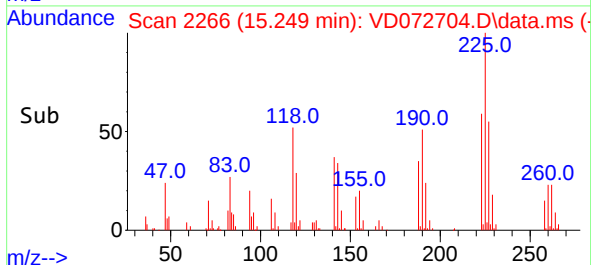
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

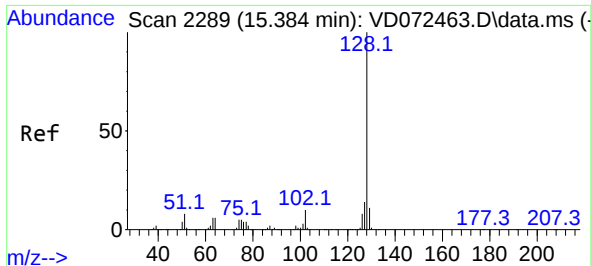


#94
Hexachlorobutadiene
Concen: 20.064 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. -0.006 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03



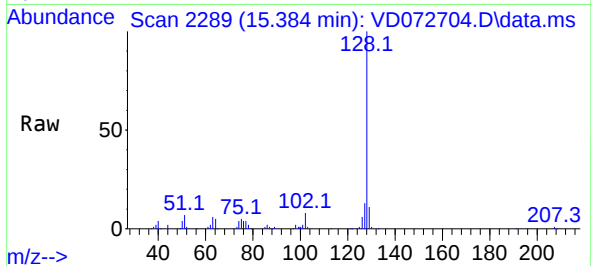
Tgt Ion:225 Resp: 64214
Ion Ratio Lower Upper
225 100
223 60.5 31.1 93.2
227 63.3 32.4 97.0





#95
Naphthalene
Concen: 17.637 ug/l
RT: 15.384 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03

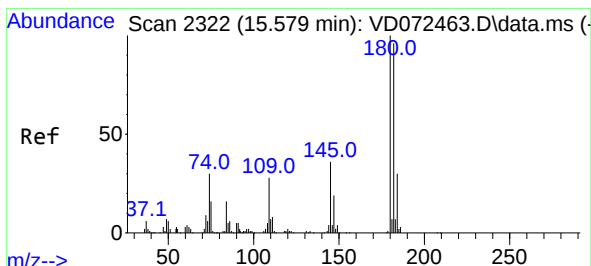
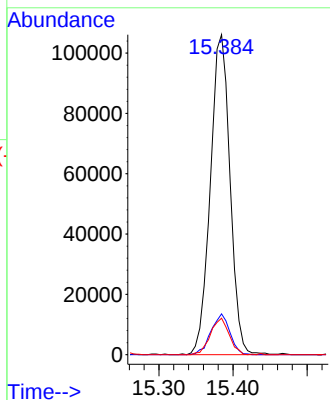
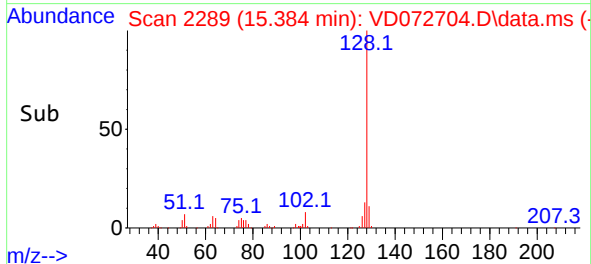
Instrument :
MSVOA_D
ClientSampleId :
VD0425SBS02



Tgt Ion:128 Resp: 195808
Ion Ratio Lower Upper
128 100
127 12.3 10.3 15.5
129 10.9 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#96
1,2,3-Trichlorobenzene
Concen: 19.326 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.006 min
Lab File: VD072704.D
Acq: 25 Apr 2022 13:03

Tgt Ion:180 Resp: 96378
Ion Ratio Lower Upper
180 100
182 93.8 47.6 142.9
145 35.4 17.1 51.3

