

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071122\
 Data File : VD073823.D
 Acq On : 11 Jul 2022 12:09
 Operator : VA/SY
 Sample : VSTDICC010
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC010

Quant Time: Jul 12 06:38:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 12 06:36:41 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/12/2022
 Supervised By : Mahesh Dadoda 07/12/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	115565	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	218594	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	200745	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	87366	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	17297	11.960	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	23.920%#		
35) Dibromofluoromethane	7.903	113	14991	10.891	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	21.780%#		
50) Toluene-d8	10.332	98	56140	12.135	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery =	24.280%#		
62) 4-Bromofluorobenzene	12.620	95	21692	11.125	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery =	22.260%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	7639	9.849	ug/l	87
3) Chloromethane	2.209	50	10343	10.320	ug/l	98
4) Vinyl Chloride	2.344	62	12241	9.989	ug/l	92
5) Bromomethane	2.762	94	8706	9.063	ug/l	94
6) Chloroethane	2.921	64	9460	10.127	ug/l #	84
7) Trichlorofluoromethane	3.268	101	18322	9.674	ug/l	96
8) Diethyl Ether	3.703	74	5805	10.100	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.091	101	11496	9.762	ug/l	94
10) Methyl Iodide	4.285	142	6912	9.064	ug/l #	97
11) Tert butyl alcohol	5.173	59	25610	53.467	ug/l #	100
12) 1,1-Dichloroethene	4.062	96	8706	9.439	ug/l	98
13) Acrolein	3.909	56	2334	33.346	ug/l	86
14) Allyl chloride	4.709	41	15834	9.077	ug/l	98
15) Acrylonitrile	5.409	53	15264	46.422	ug/l #	88
16) Acetone	4.156	43	14584	47.662	ug/l	100
17) Carbon Disulfide	4.403	76	14280	9.575	ug/l	97
18) Methyl Acetate	4.709	43	8102	8.259	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	31601	9.195	ug/l	91
20) Methylene Chloride	4.962	84	20449	7.805	ug/l	92
21) trans-1,2-Dichloroethene	5.462	96	9809	8.882	ug/l	98
22) Diisopropyl ether	6.350	45	42590	9.373	ug/l	93
23) Vinyl Acetate	6.297	43	108522	45.232	ug/l	99
24) 1,1-Dichloroethane	6.256	63	24917	9.850	ug/l	99
25) 2-Butanone	7.203	43	21611	47.302	ug/l	90
26) 2,2-Dichloropropane	7.197	77	22846	9.552	ug/l	97
27) cis-1,2-Dichloroethene	7.209	96	13906	9.011	ug/l	96
28) Bromochloromethane	7.532	49	9673	9.803	ug/l #	92
29) Tetrahydrofuran	7.556	42	11933	44.481	ug/l	99
30) Chloroform	7.703	83	25867	9.173	ug/l	99
31) Cyclohexane	7.973	56	18233	10.123	ug/l #	88
32) 1,1,1-Trichloroethane	7.897	97	21704	9.086	ug/l	97
36) 1,1-Dichloropropene	8.097	75	15929	9.449	ug/l	95
37) Ethyl Acetate	7.279	43	9683	9.770	ug/l #	76
38) Carbon Tetrachloride	8.085	117	17766	9.272	ug/l #	87
39) Methylcyclohexane	9.350	83	17791	10.267	ug/l	86
40) Benzene	8.338	78	46389	9.354	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.509	41	5862	10.149	ug/l #	61
42) 1,2-Dichloroethane	8.409	62	16467	9.644	ug/l	98
43) Isopropyl Acetate	8.444	43	18005	8.975	ug/l	97
44) Trichloroethene	9.103	130	12483	9.463	ug/l	96
45) 1,2-Dichloropropane	9.379	63	13146	9.232	ug/l #	87
46) Dibromomethane	9.467	93	7305	8.959	ug/l #	87
47) Bromodichloromethane	9.650	83	20929	9.423	ug/l #	98
48) Methyl methacrylate	9.444	41	8501	9.288	ug/l	95
49) 1,4-Dioxane	9.456	88	1679m	165.983	ug/l	
51) 4-Methyl-2-Pentanone	10.214	43	46641	44.540	ug/l	98
52) Toluene	10.391	92	31176	9.477	ug/l	99
53) t-1,3-Dichloropropene	10.608	75	18825	9.214	ug/l	96
54) cis-1,3-Dichloropropene	10.073	75	20694	9.134	ug/l	91
55) 1,1,2-Trichloroethane	10.791	97	10950	9.596	ug/l #	89
56) Ethyl methacrylate	10.650	69	12312	8.453	ug/l	95
57) 1,3-Dichloropropane	10.932	76	19319	9.807	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.932	63	25061	43.749	ug/l	100
59) 2-Hexanone	10.973	43	31783	45.203	ug/l	96
60) Dibromochloromethane	11.132	129	12974	9.175	ug/l	91
61) 1,2-Dibromoethane	11.232	107	9400	8.913	ug/l	87
64) Tetrachloroethene	10.873	164	9916	9.966	ug/l	90
65) Chlorobenzene	11.655	112	34521	9.160	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.732	131	14100	9.682	ug/l	99
67) Ethyl Benzene	11.732	91	63648	9.268	ug/l	97
68) m/p-Xylenes	11.844	106	46436	17.926	ug/l	99
69) o-Xylene	12.167	106	22516	9.021	ug/l	99
70) Styrene	12.185	104	38688	8.854	ug/l	99
71) Bromoform	12.350	173	6402	8.632	ug/l #	92
73) Isopropylbenzene	12.467	105	64773	9.750	ug/l	100
74) N-amyl acetate	12.273	43	16781	9.002	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.714	83	13484	9.816	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	9428m	9.601	ug/l	
77) Bromobenzene	12.744	156	13064	9.413	ug/l	99
78) n-propylbenzene	12.808	91	79233	9.457	ug/l	97
79) 2-Chlorotoluene	12.891	91	47546	10.045	ug/l	100
80) 1,3,5-Trimethylbenzene	12.944	105	51699	9.280	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	3522	8.432	ug/l	85
82) 4-Chlorotoluene	12.991	91	48951	9.844	ug/l	97
83) tert-Butylbenzene	13.208	119	44742	9.092	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	51857	9.398	ug/l	99
85) sec-Butylbenzene	13.385	105	72608	9.581	ug/l	94
86) p-Isopropyltoluene	13.502	119	56928	9.405	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	28301	9.719	ug/l	97
88) 1,4-Dichlorobenzene	13.585	146	27278	9.282	ug/l	96
89) n-Butylbenzene	13.826	91	56698	9.263	ug/l	98
90) Hexachloroethane	14.096	117	11268	9.330	ug/l	92
91) 1,2-Dichlorobenzene	13.873	146	24409	9.491	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.491	75	2272	10.017	ug/l	91
93) 1,2,4-Trichlorobenzene	15.143	180	14922	10.092	ug/l	93
94) Hexachlorobutadiene	15.255	225	7145	10.012	ug/l	96
95) Naphthalene	15.385	128	30800	9.340	ug/l	98
96) 1,2,3-Trichlorobenzene	15.573	180	12214	9.400	ug/l	93

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

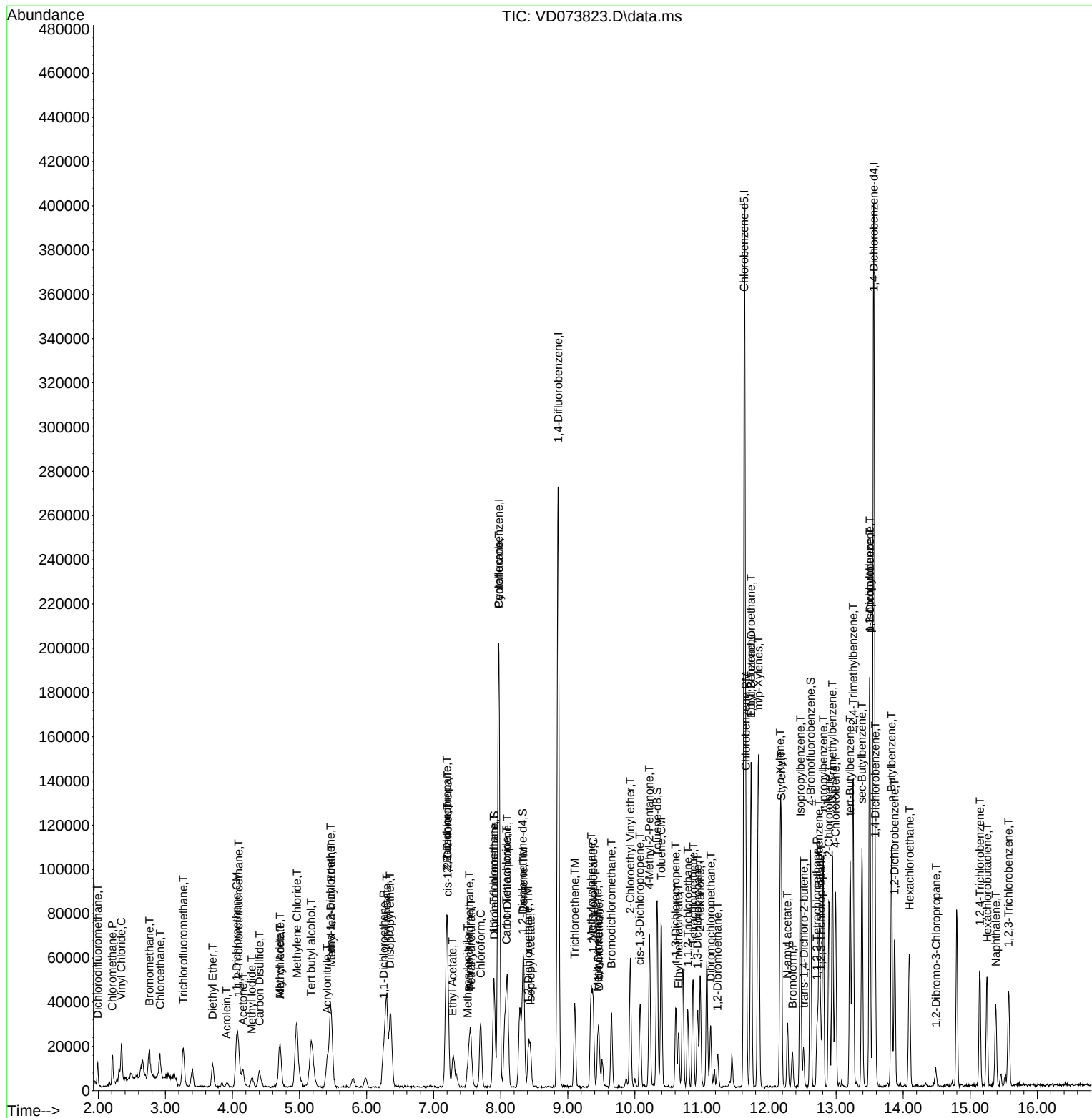
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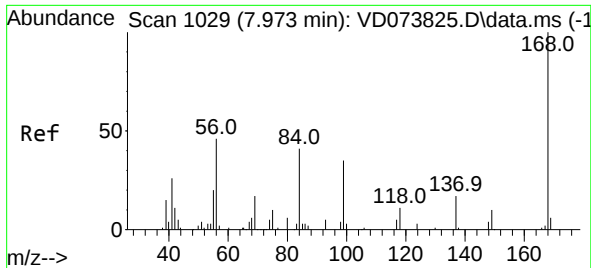
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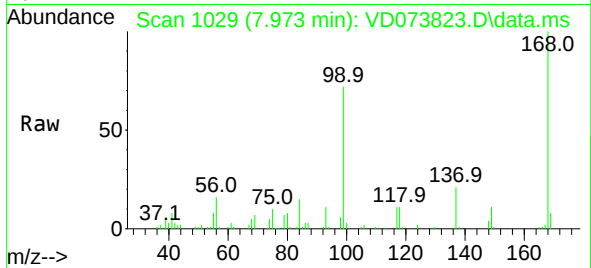
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073823.D
Acq: 11 Jul 2022 12:09

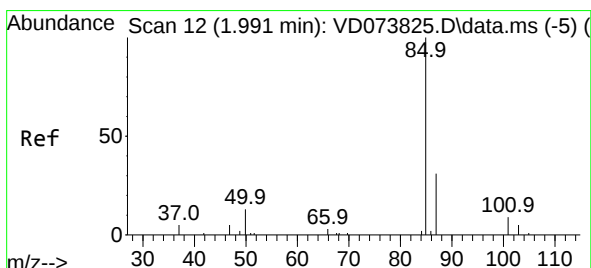
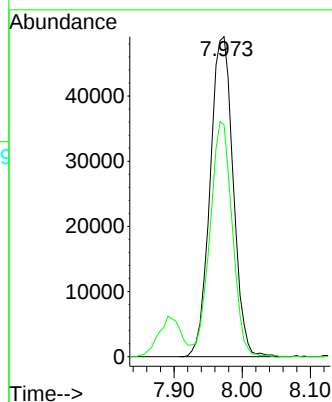
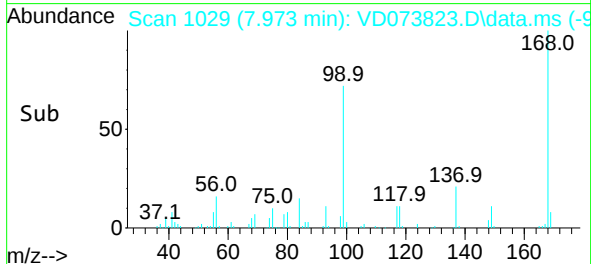
Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion:168 Resp: 11556
Ion Ratio Lower Upper
168 100
99 72.4 53.8 80.6

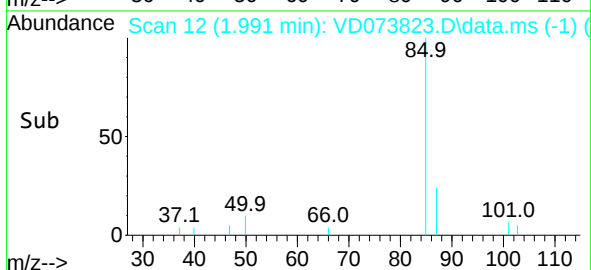
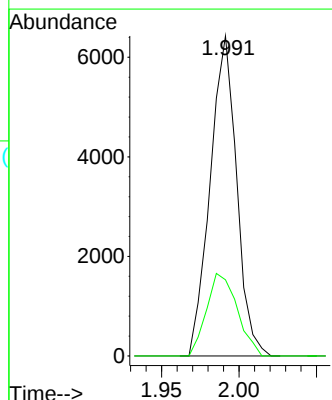
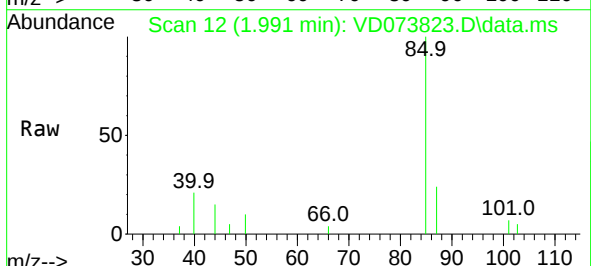
Manual Integrations
APPROVED

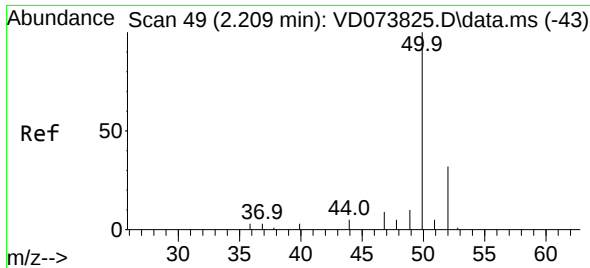
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022



#2
Dichlorodifluoromethane
Concen: 9.849 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073823.D
Acq: 11 Jul 2022 12:09

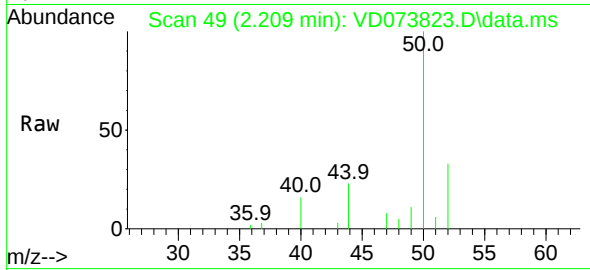
Tgt Ion: 85 Resp: 7639
Ion Ratio Lower Upper
85 100
87 23.8 15.6 46.7





#3
Chloromethane
Concen: 10.320 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD073823.D
Acq: 11 Jul 2022 12:09

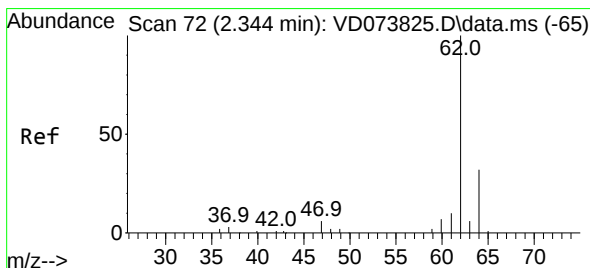
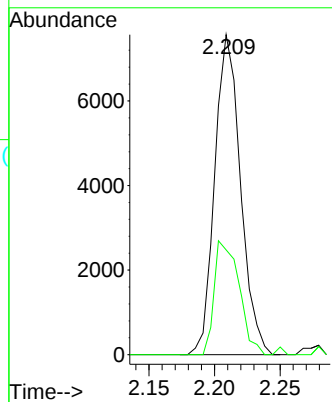
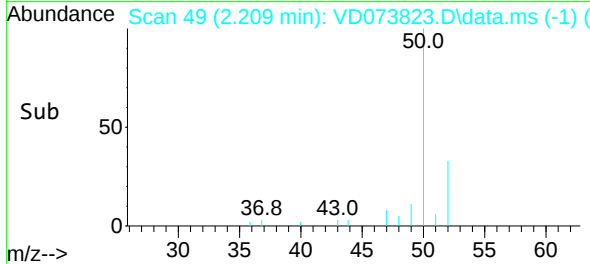
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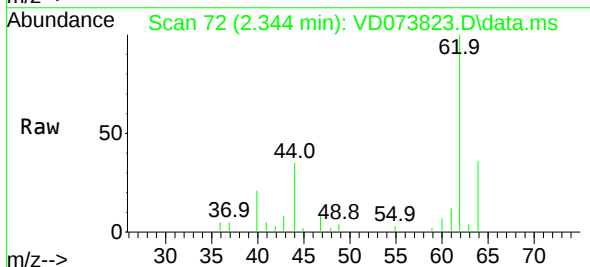
Tgt Ion: 50 Resp: 1034
Ion Ratio Lower Upper
50 100
52 32.8 25.5 38.3

Manual Integrations
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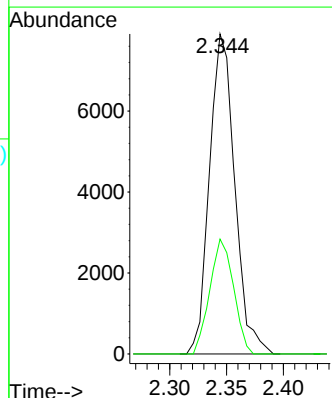
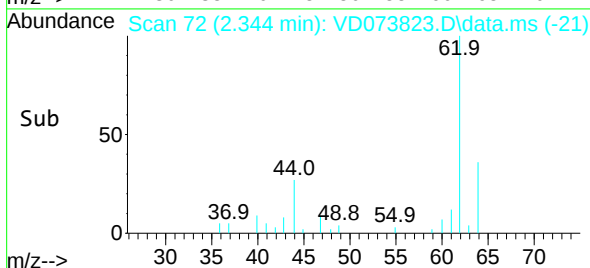
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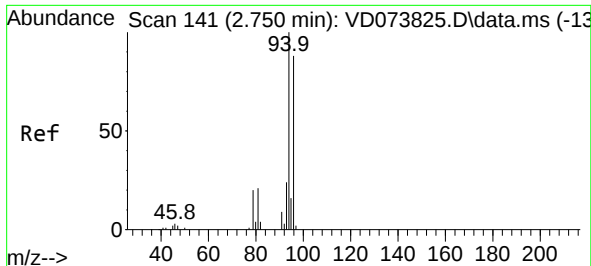


#4
Vinyl Chloride
Concen: 9.989 ug/l
RT: 2.344 min Scan# 72
Delta R.T. 0.000 min
Lab File: VD073823.D
Acq: 11 Jul 2022 12:09



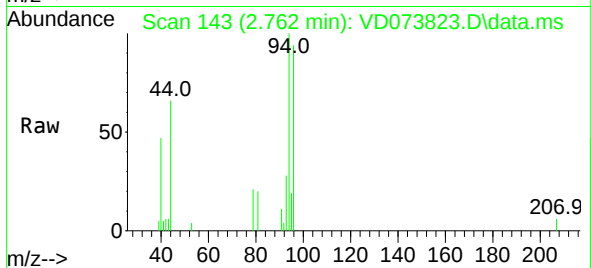
Tgt Ion: 62 Resp: 12241
Ion Ratio Lower Upper
62 100
64 35.9 25.4 38.0





#5
Bromomethane
Concen: 9.063 ug/l
RT: 2.762 min Scan# 141
Delta R.T. 0.012 min
Lab File: VD073823.D
Acq: 11 Jul 2022 12:09

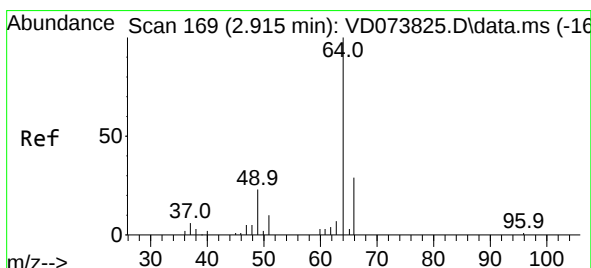
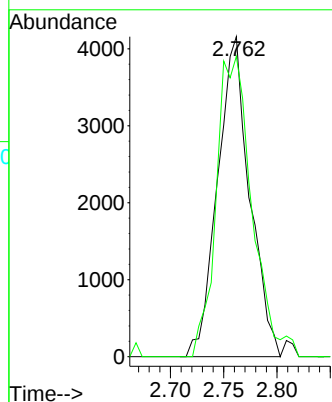
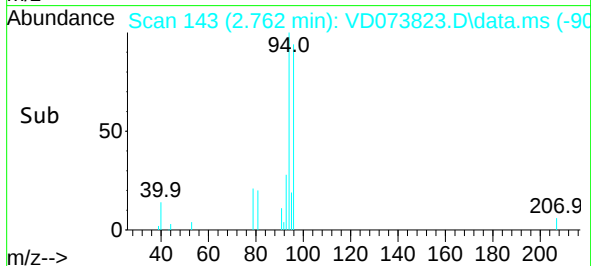
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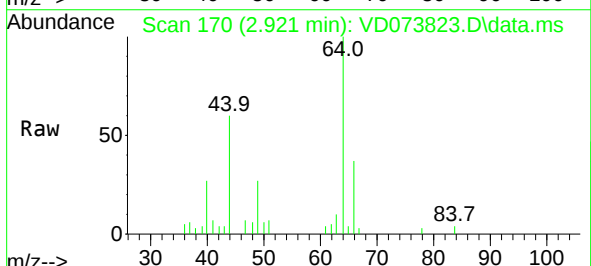
Tgt Ion: 94 Resp: 8700
Ion Ratio Lower Upper
94 100
96 93.8 70.3 105.5

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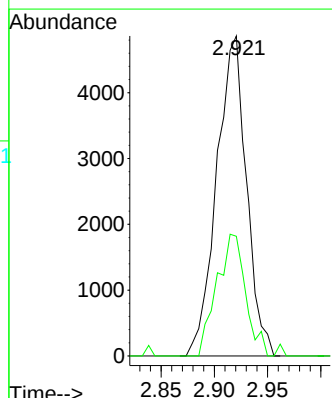
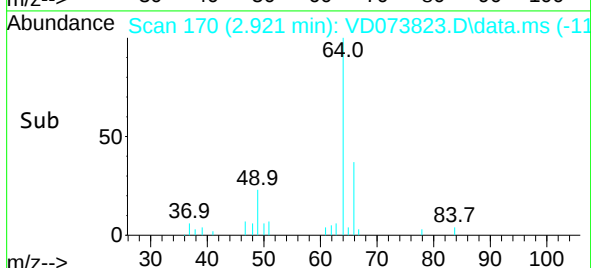
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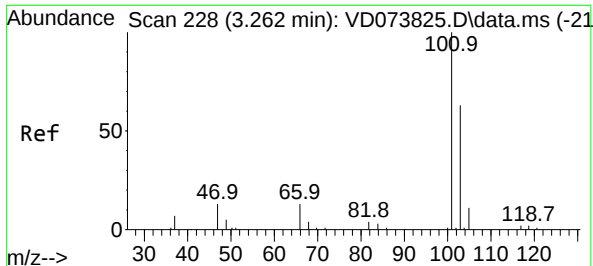


#6
Chloroethane
Concen: 10.127 ug/l
RT: 2.921 min Scan# 170
Delta R.T. 0.006 min
Lab File: VD073823.D
Acq: 11 Jul 2022 12:09



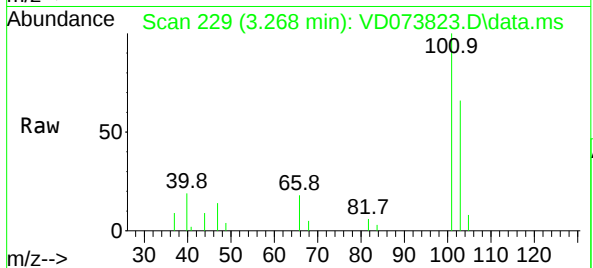
Tgt Ion: 64 Resp: 9460
Ion Ratio Lower Upper
64 100
66 37.4 23.0 34.6#





#7
 Trichlorofluoromethane
 Concen: 9.674 ug/l
 RT: 3.268 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD073823.D
 Acq: 11 Jul 2022 12:09

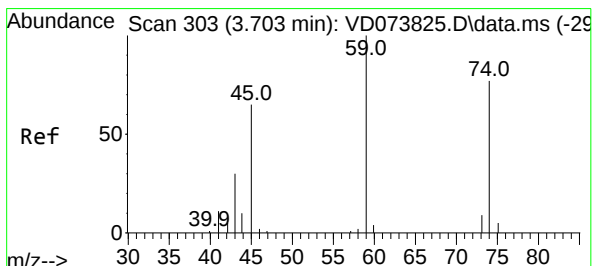
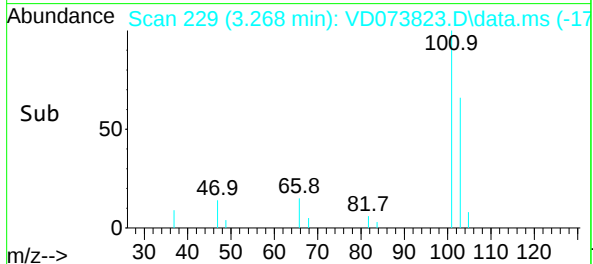
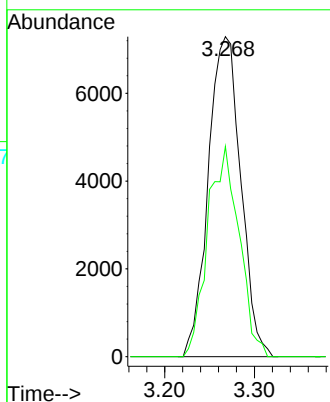
Instrument :
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Tgt Ion:101 Resp: 1832
 Ion Ratio Lower Upper
 101 100
 103 65.7 50.3 75.5

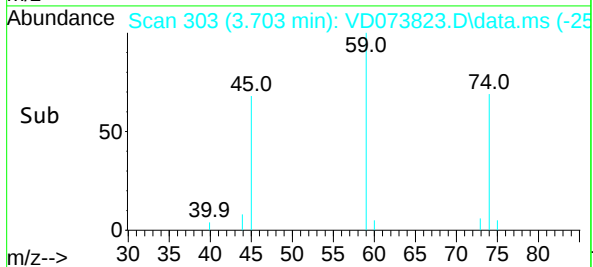
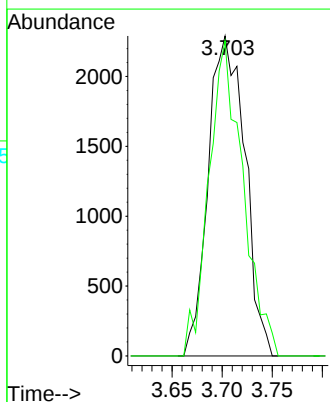
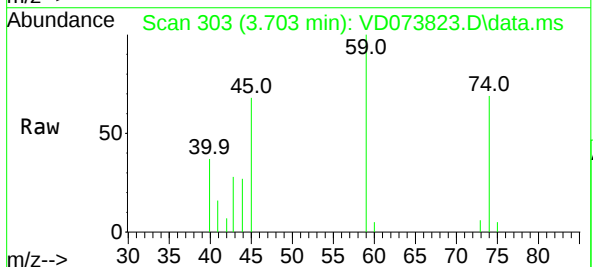
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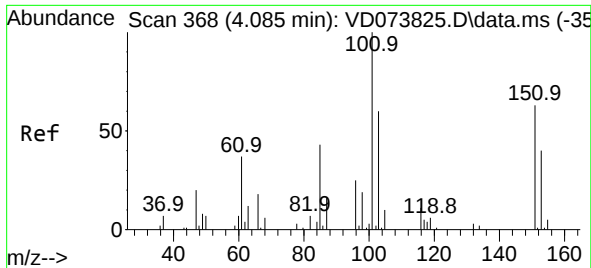
Reviewed By :John Carlone 07/12/2022
 Supervised By :Mahesh Dadoda 07/12/2022



#8
 Diethyl Ether
 Concen: 10.100 ug/l
 RT: 3.703 min Scan# 303
 Delta R.T. 0.000 min
 Lab File: VD073823.D
 Acq: 11 Jul 2022 12:09

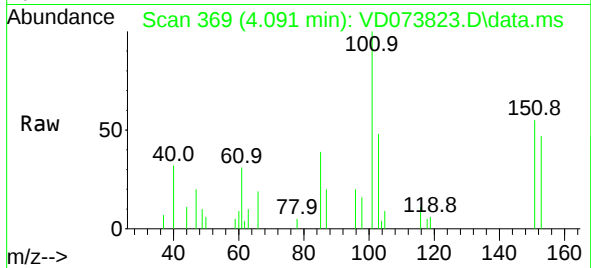
Tgt Ion: 74 Resp: 5805
 Ion Ratio Lower Upper
 74 100
 45 91.6 48.9 146.7





#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.762 ug/l
RT: 4.091 min Scan# 369
Delta R.T. 0.006 min
Lab File: VD073823.D
Acq: 11 Jul 2022 12:09

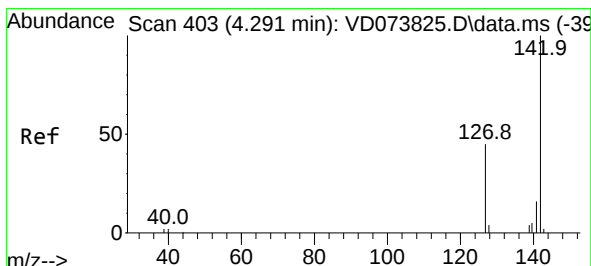
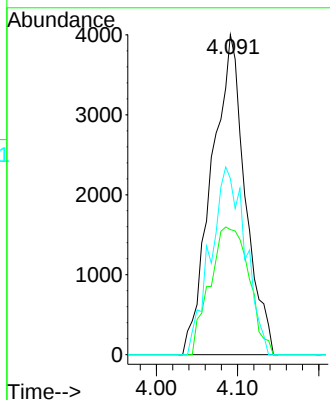
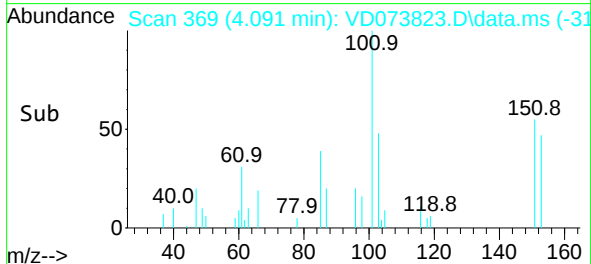
Instrument :
MSVOA_D
Client Sample Id :
VSTDIC010



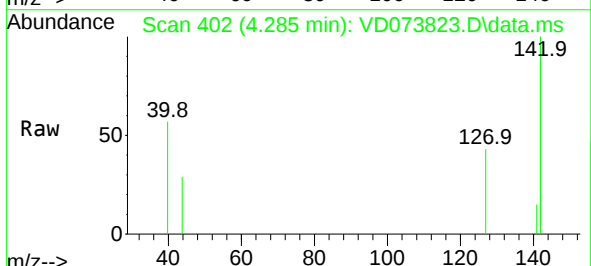
Tgt Ion:101 Resp: 11490
Ion Ratio Lower Upper
101 100
85 46.5 38.6 57.8
151 60.8 53.6 80.4

Manual Integrations
APPROVED

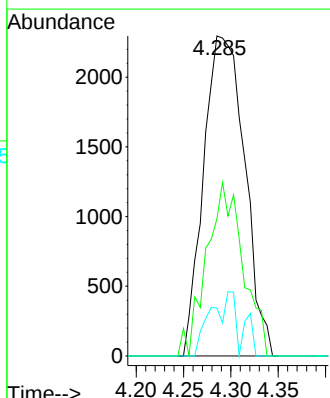
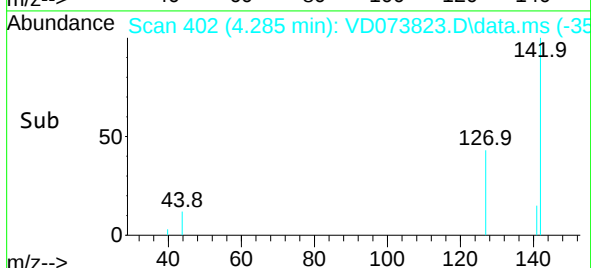
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022

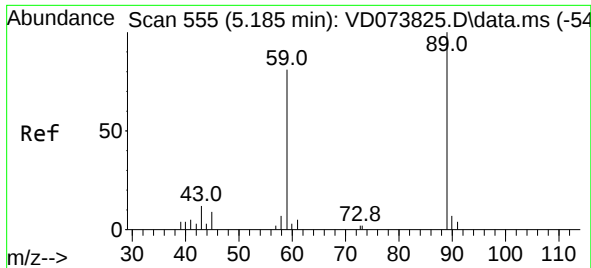


#10
Methyl Iodide
Concen: 9.064 ug/l
RT: 4.285 min Scan# 402
Delta R.T. -0.006 min
Lab File: VD073823.D
Acq: 11 Jul 2022 12:09



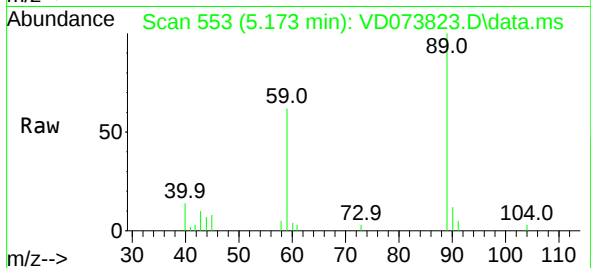
Tgt Ion:142 Resp: 6912
Ion Ratio Lower Upper
142 100
127 48.2 39.8 59.6
141 11.7 11.9 17.9#





#11
Tert butyl alcohol
Concen: 53.467 ug/l
RT: 5.173 min Scan# 511
Delta R.T. -0.012 min
Lab File: VD073823.D
Acq: 11 Jul 2022 12:09

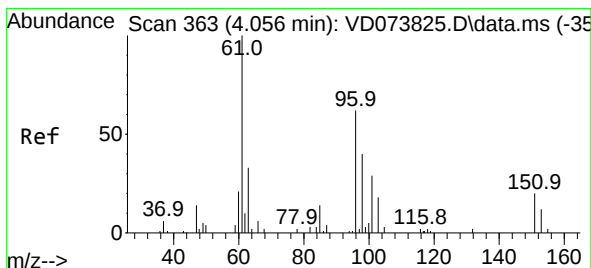
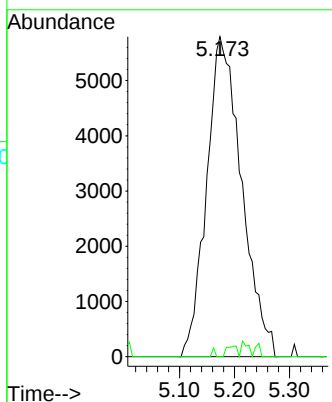
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



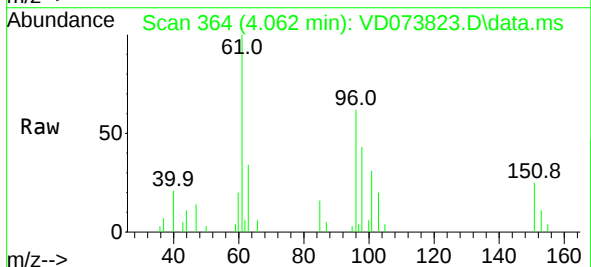
Tgt Ion: 59 Resp: 25610
Ion Ratio Lower Upper
59 100
57 0.0 0.0 0.0

Manual Integrations
APPROVED

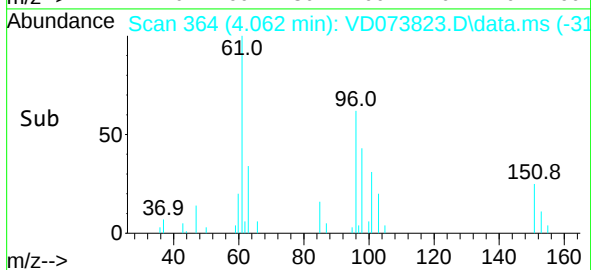
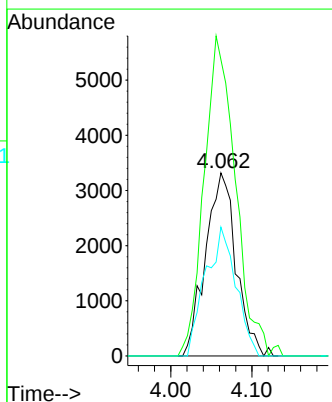
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022

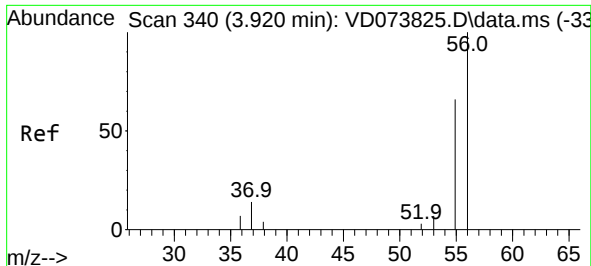


#12
1,1-Dichloroethene
Concen: 9.439 ug/l
RT: 4.062 min Scan# 364
Delta R.T. 0.006 min
Lab File: VD073823.D
Acq: 11 Jul 2022 12:09



Tgt Ion: 96 Resp: 8706
Ion Ratio Lower Upper
96 100
61 161.9 130.1 195.1
98 70.4 52.1 78.1





#13

Acrolein

Concen: 33.346 ug/l

RT: 3.909 min Scan# 31

Delta R.T. -0.012 min

Lab File: VD073823.D

Acq: 11 Jul 2022 12:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

Tgt Ion: 56 Resp: 2334

Ion Ratio Lower Upper

56 100

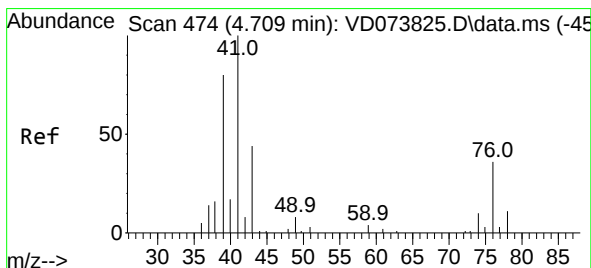
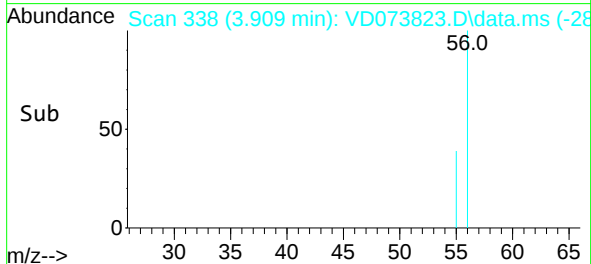
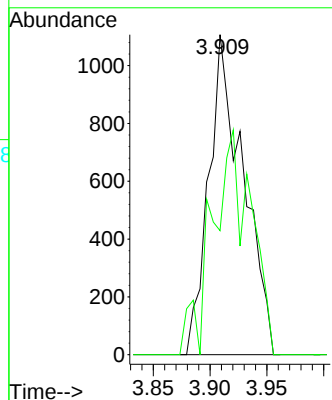
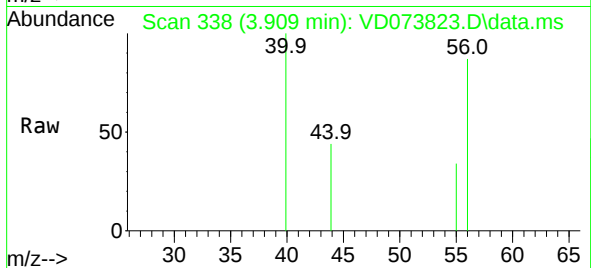
55 79.9 54.7 82.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/12/2022

Supervised By :Mahesh Dadoda 07/12/2022



#14

Allyl chloride

Concen: 9.077 ug/l

RT: 4.709 min Scan# 474

Delta R.T. 0.000 min

Lab File: VD073823.D

Acq: 11 Jul 2022 12:09

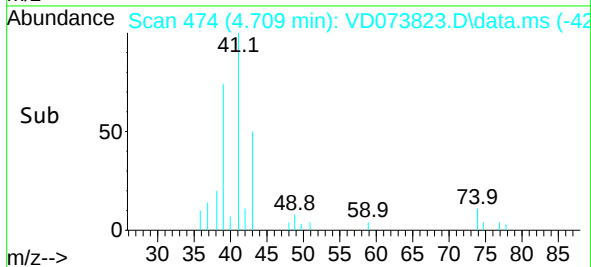
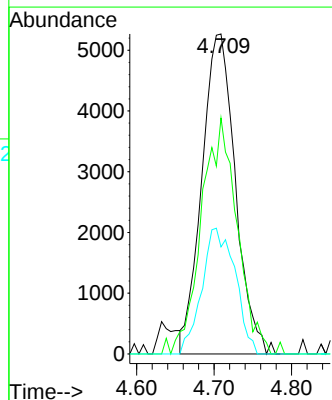
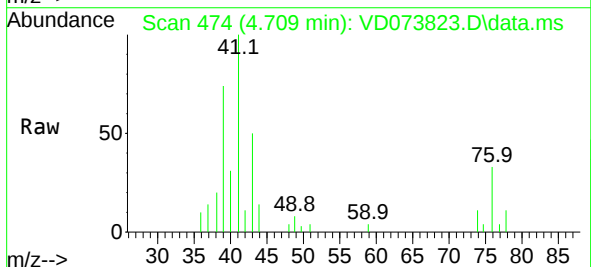
Tgt Ion: 41 Resp: 15834

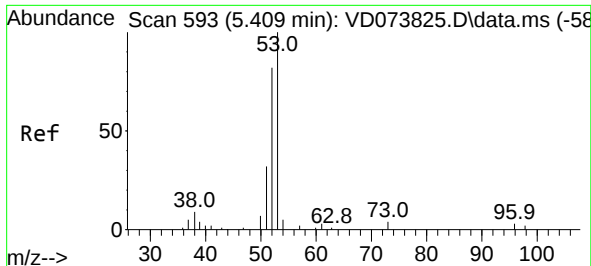
Ion Ratio Lower Upper

41 100

39 78.7 62.5 93.7

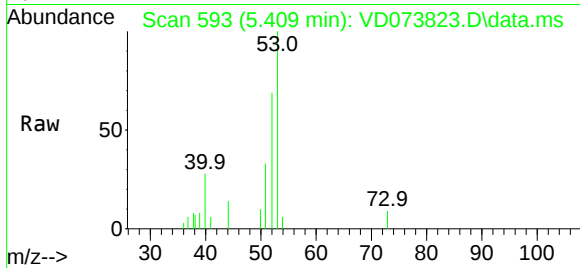
76 39.1 28.6 43.0





#15
Acrylonitrile
Concen: 46.422 ug/l
RT: 5.409 min Scan# 593
Delta R.T. 0.000 min
Lab File: VD073823.D
Acq: 11 Jul 2022 12:09

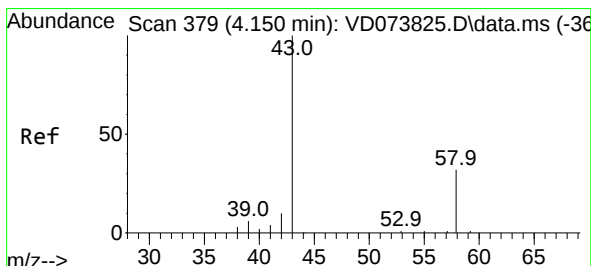
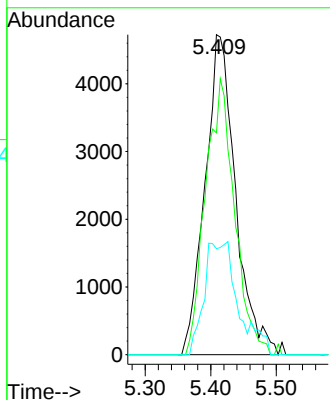
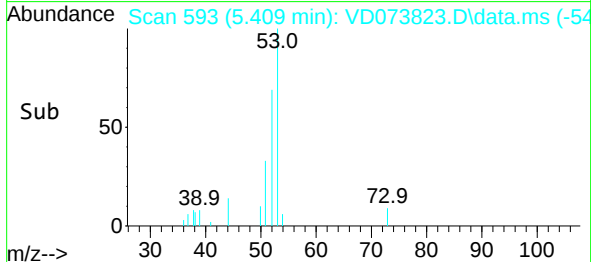
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



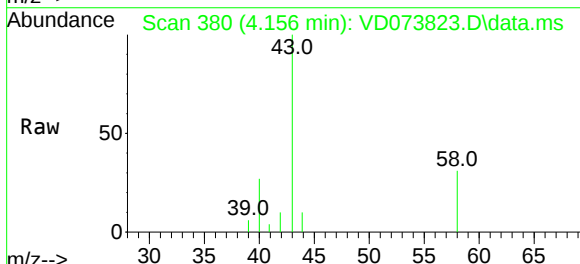
Tgt Ion: 53 Resp: 15264
Ion Ratio Lower Upper
53 100
52 82.1 66.1 99.1
51 16.2 30.6 45.8

Manual Integrations
APPROVED

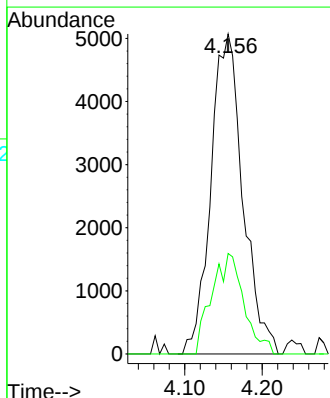
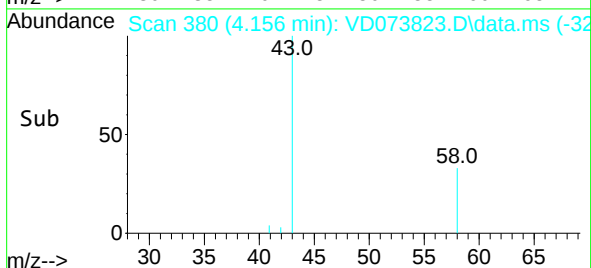
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022

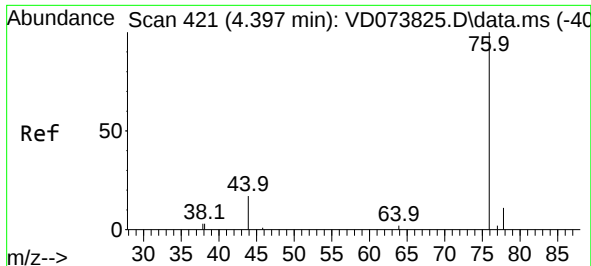


#16
Acetone
Concen: 47.662 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD073823.D
Acq: 11 Jul 2022 12:09



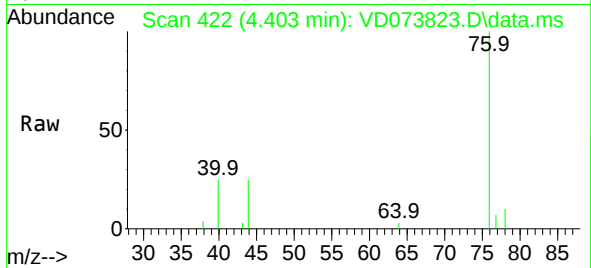
Tgt Ion: 43 Resp: 14584
Ion Ratio Lower Upper
43 100
58 31.4 25.2 37.8





#17
Carbon Disulfide
Concen: 9.575 ug/l
RT: 4.403 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD073823.D
Acq: 11 Jul 2022 12:09

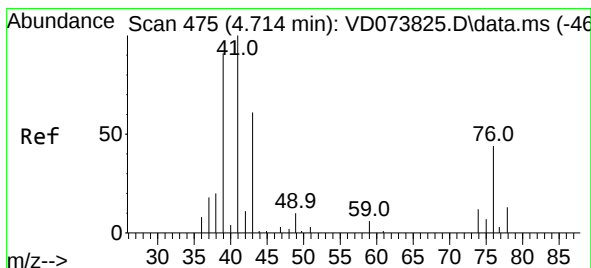
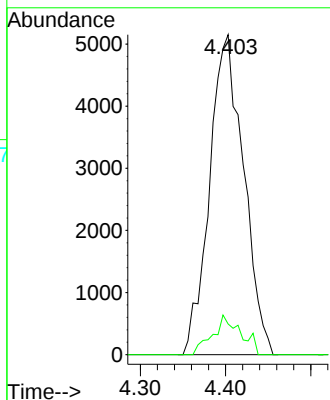
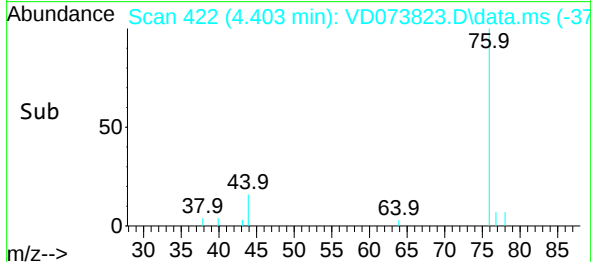
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



Tgt Ion: 76 Resp: 14280
Ion Ratio Lower Upper
76 100
78 9.6 8.7 13.1

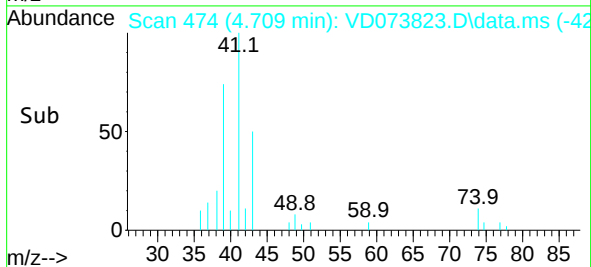
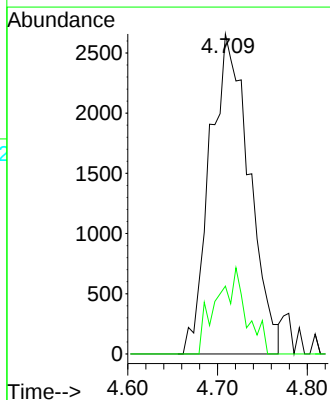
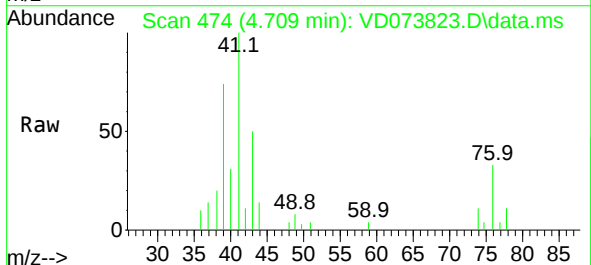
Manual Integrations
APPROVED

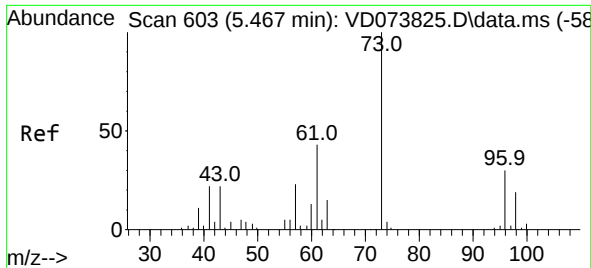
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022



#18
Methyl Acetate
Concen: 8.259 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD073823.D
Acq: 11 Jul 2022 12:09

Tgt Ion: 43 Resp: 8102
Ion Ratio Lower Upper
43 100
74 20.6 17.0 25.4





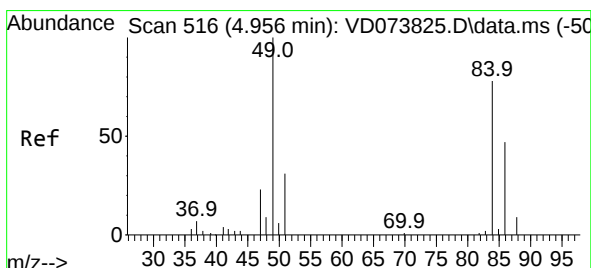
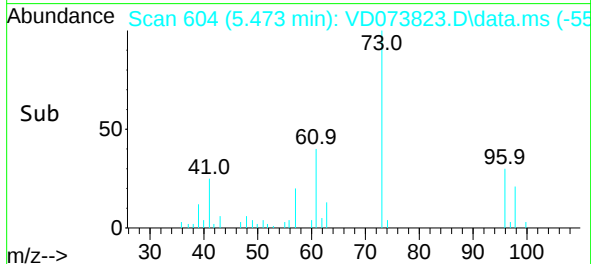
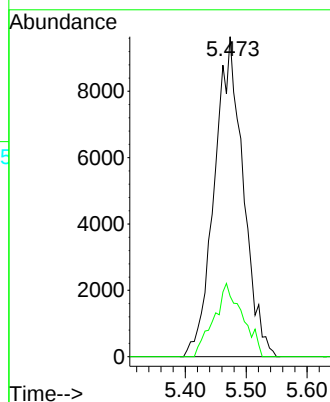
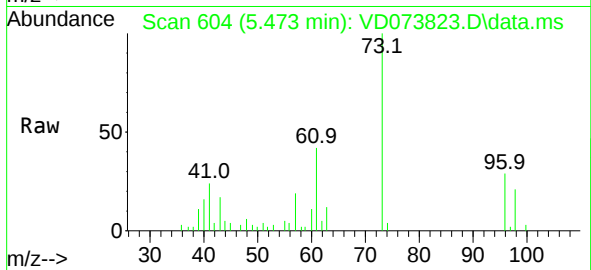
#19
Methyl tert-butyl Ether
Concen: 9.195 ug/l
RT: 5.473 min Scan# 603
Delta R.T. 0.006 min
Lab File: VD073823.D
Acq: 11 Jul 2022 12:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion: 73 Resp: 3160
Ion Ratio Lower Upper
73 100
57 18.9 18.6 28.0

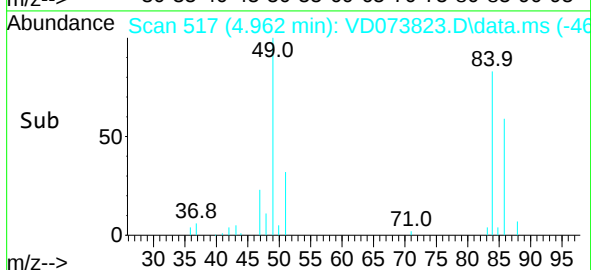
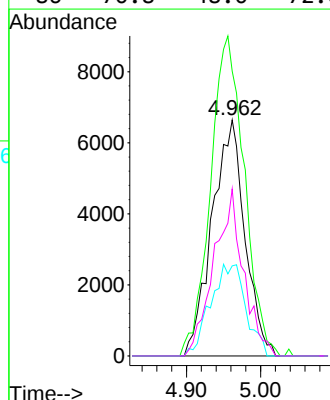
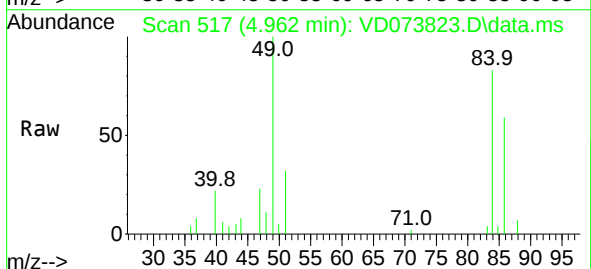
Manual Integrations
APPROVED

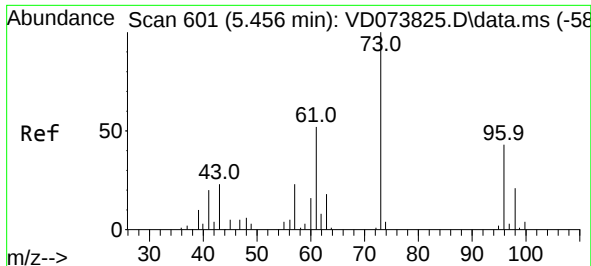
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022



#20
Methylene Chloride
Concen: 7.805 ug/l
RT: 4.962 min Scan# 517
Delta R.T. 0.006 min
Lab File: VD073823.D
Acq: 11 Jul 2022 12:09

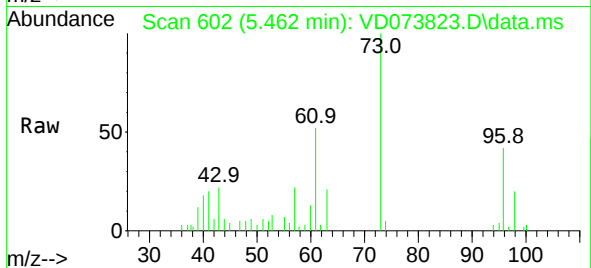
Tgt Ion: 84 Resp: 20449
Ion Ratio Lower Upper
84 100
49 120.7 102.5 153.7
51 38.2 31.4 47.0
86 70.8 48.0 72.0





#21
trans-1,2-Dichloroethene
Concen: 8.882 ug/l
RT: 5.462 min Scan# 601
Delta R.T. 0.006 min
Lab File: VD073823.D
Acq: 11 Jul 2022 12:09

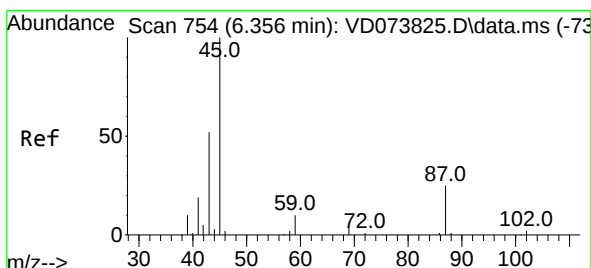
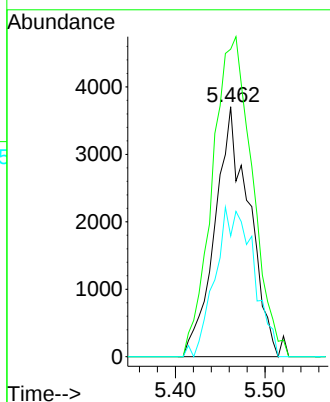
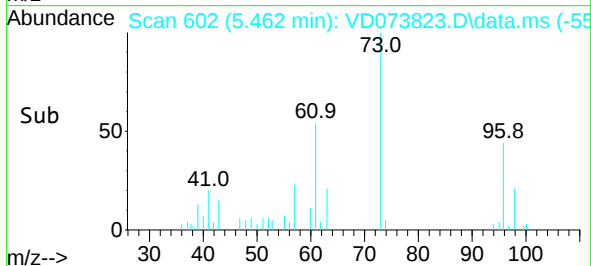
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



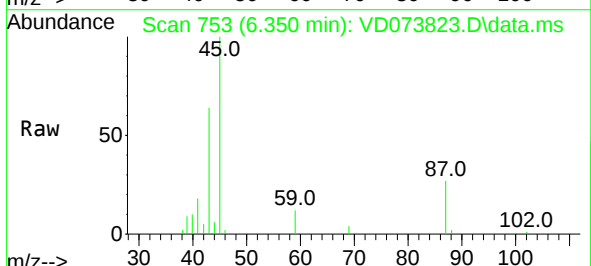
Tgt Ion: 96 Resp: 9809
Ion Ratio Lower Upper
96 100
61 123.1 97.0 145.6
98 48.3 39.5 59.3

Manual Integrations
APPROVED

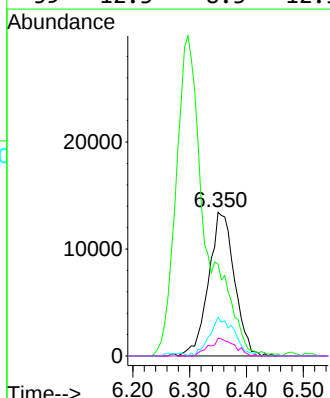
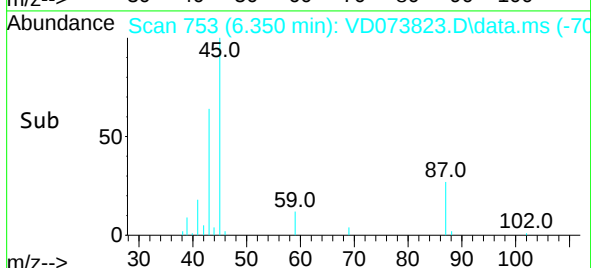
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022

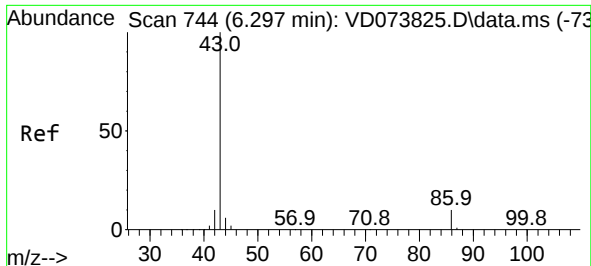


#22
Diisopropyl ether
Concen: 9.373 ug/l
RT: 6.350 min Scan# 753
Delta R.T. -0.006 min
Lab File: VD073823.D
Acq: 11 Jul 2022 12:09



Tgt Ion: 45 Resp: 42590
Ion Ratio Lower Upper
45 100
43 62.5 44.1 66.1
87 26.8 20.8 31.2
59 12.3 8.3 12.5





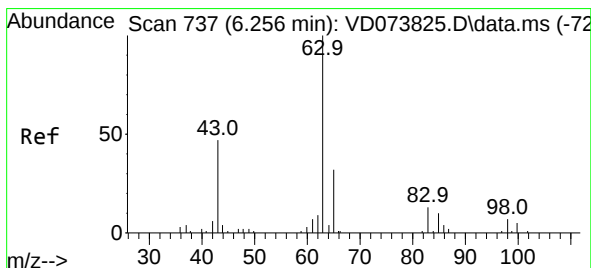
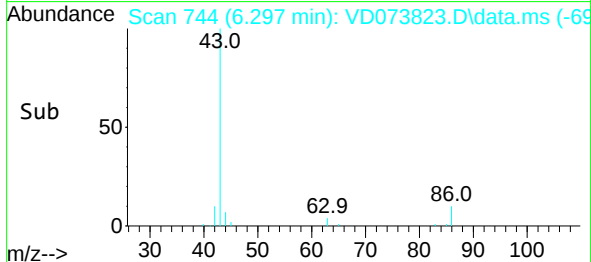
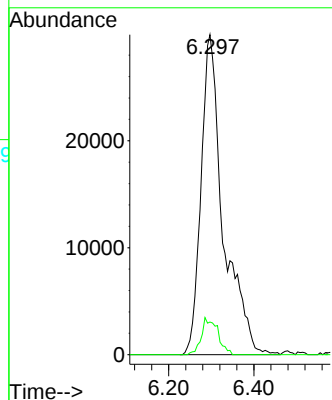
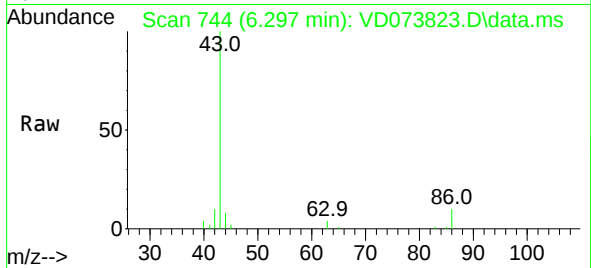
#23
 Vinyl Acetate
 Concen: 45.232 ug/l
 RT: 6.297 min Scan# 744
 Delta R.T. 0.000 min
 Lab File: VD073823.D
 Acq: 11 Jul 2022 12:09

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tgt Ion: 43 Resp: 10852
 Ion Ratio Lower Upper
 43 100
 86 10.2 7.8 11.8

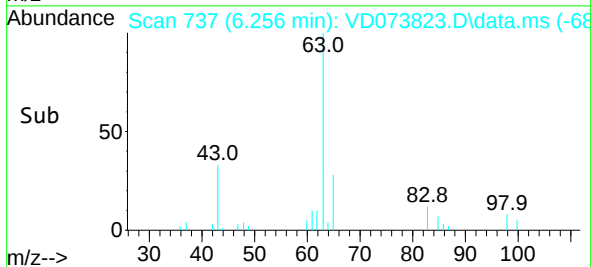
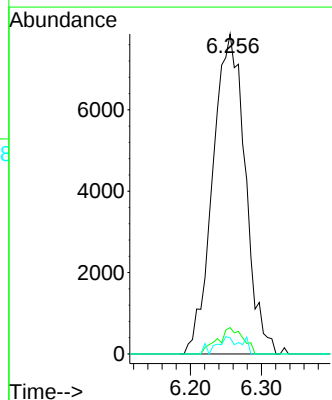
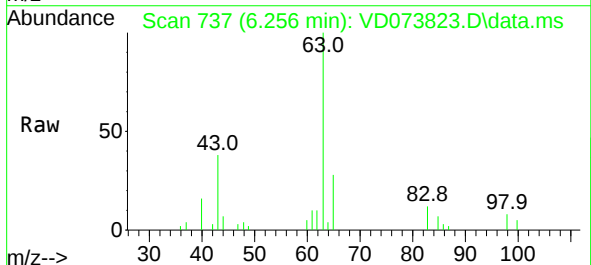
Manual Integrations
 APPROVED

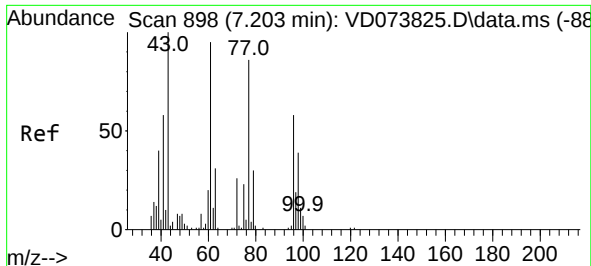
Reviewed By :John Carlone 07/12/2022
 Supervised By :Mahesh Dadoda 07/12/2022



#24
 1,1-Dichloroethane
 Concen: 9.850 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. 0.000 min
 Lab File: VD073823.D
 Acq: 11 Jul 2022 12:09

Tgt Ion: 63 Resp: 24917
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.7 11.1
 100 5.1 2.5 7.6





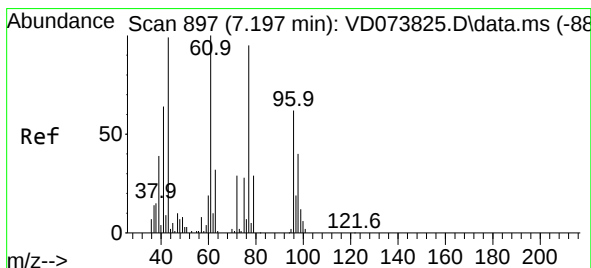
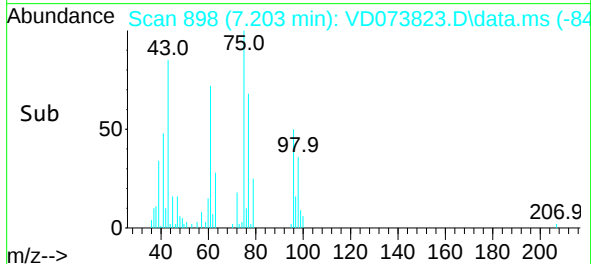
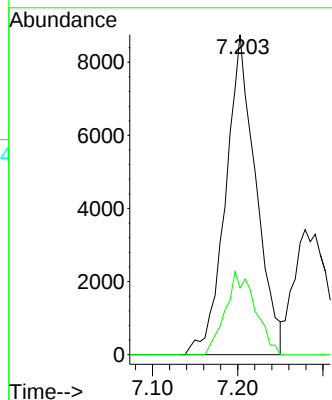
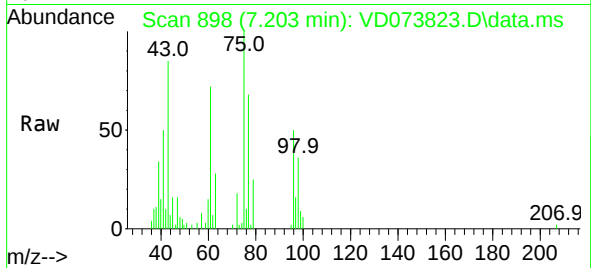
#25
2-Butanone
Concen: 47.302 ug/l
RT: 7.203 min Scan# 898
Delta R.T. 0.000 min
Lab File: VD073823.D
Acq: 11 Jul 2022 12:09

Instrument :
MSVOA_D
Client Sample Id :
VSTDIC010

Tgt Ion: 43 Resp: 2161
Ion Ratio Lower Upper
43 100
72 20.9 20.9 31.3

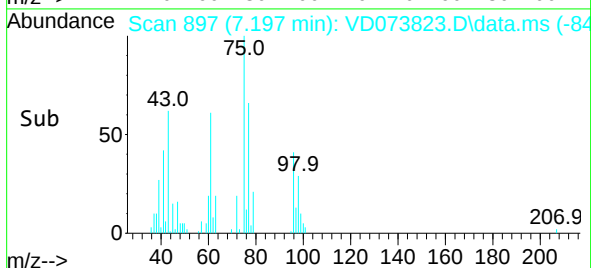
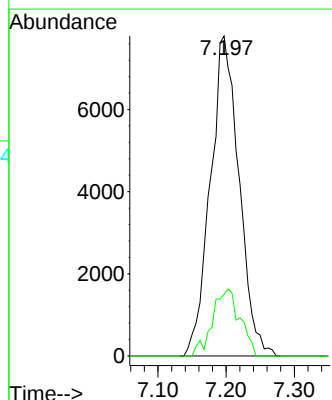
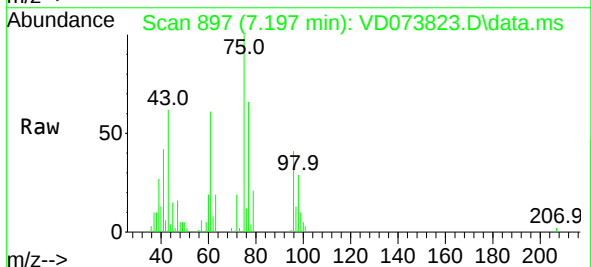
Manual Integrations
APPROVED

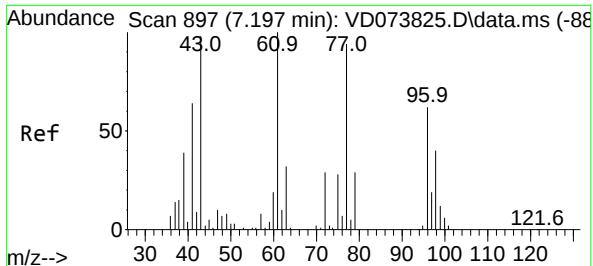
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022



#26
2,2-Dichloropropane
Concen: 9.552 ug/l
RT: 7.197 min Scan# 897
Delta R.T. 0.000 min
Lab File: VD073823.D
Acq: 11 Jul 2022 12:09

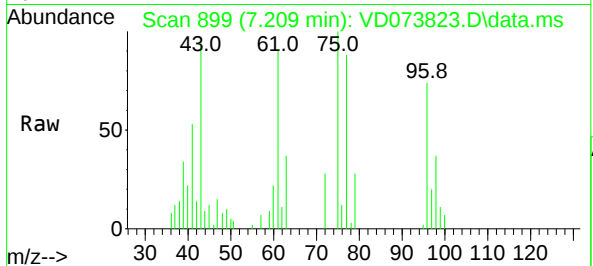
Tgt Ion: 77 Resp: 22846
Ion Ratio Lower Upper
77 100
97 20.0 10.7 31.9





#27
 cis-1,2-Dichloroethene
 Concen: 9.011 ug/l
 RT: 7.209 min Scan# 897
 Delta R.T. 0.012 min
 Lab File: VD073823.D
 Acq: 11 Jul 2022 12:09

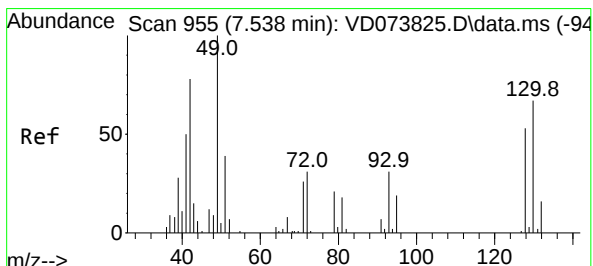
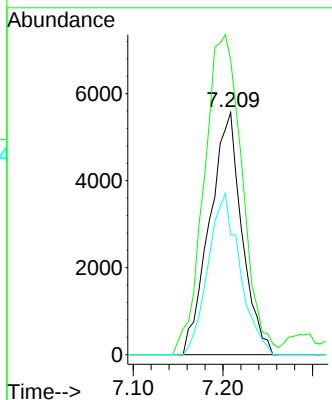
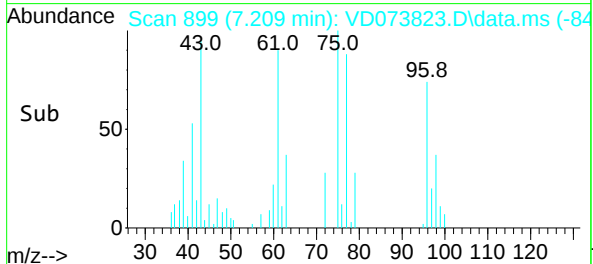
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010



Tgt Ion: 96 Resp: 13900
 Ion Ratio Lower Upper
 96 100
 61 155.3 0.0 324.4
 98 65.7 0.0 131.6

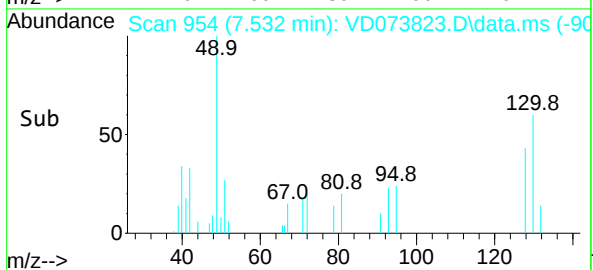
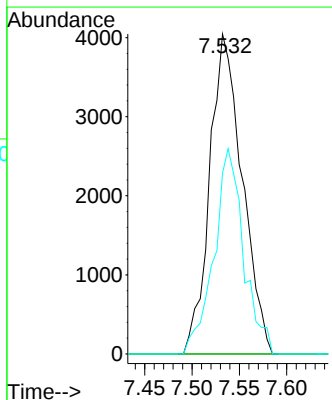
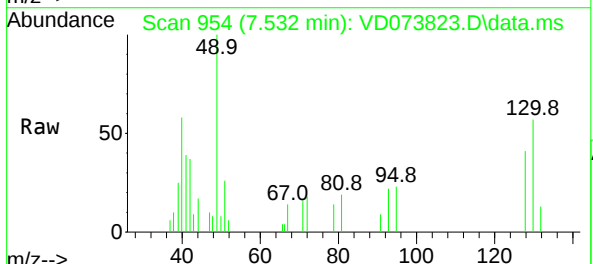
Manual Integrations
 APPROVED

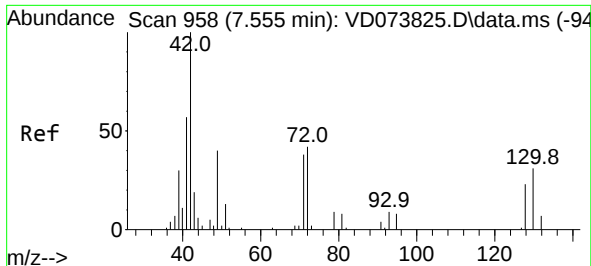
Reviewed By :John Carlone 07/12/2022
 Supervised By :Mahesh Dadoda 07/12/2022



#28
 Bromochloromethane
 Concen: 9.803 ug/l
 RT: 7.532 min Scan# 954
 Delta R.T. -0.006 min
 Lab File: VD073823.D
 Acq: 11 Jul 2022 12:09

Tgt Ion: 49 Resp: 9673
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.0
 130 58.6 51.8 77.6





#29

Tetrahydrofuran

Concen: 44.481 ug/l

RT: 7.556 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD073823.D

Acq: 11 Jul 2022 12:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

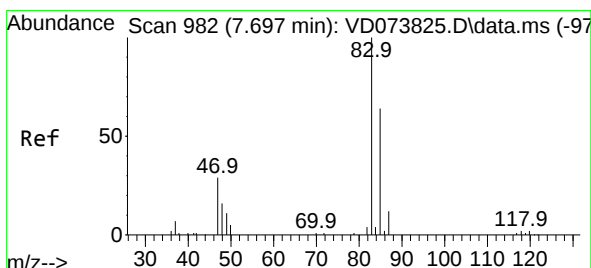
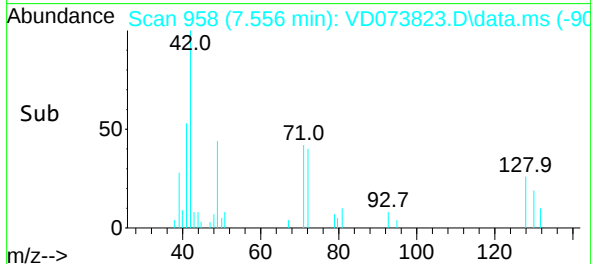
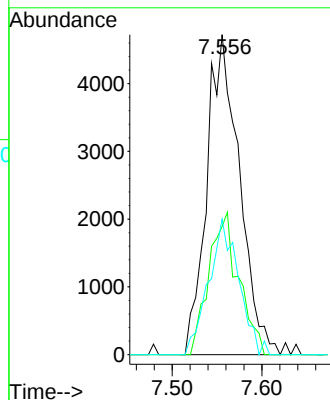
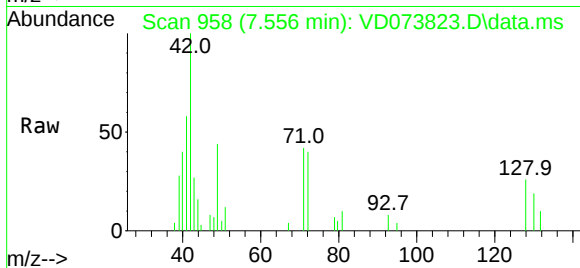
Tgt Ion:	42	Resp:	1193
Ion	Ratio	Lower	Upper
42	100		
72	40.8	33.5	50.3
71	39.0	31.0	46.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/12/2022

Supervised By :Mahesh Dadoda 07/12/2022



#30

Chloroform

Concen: 9.173 ug/l

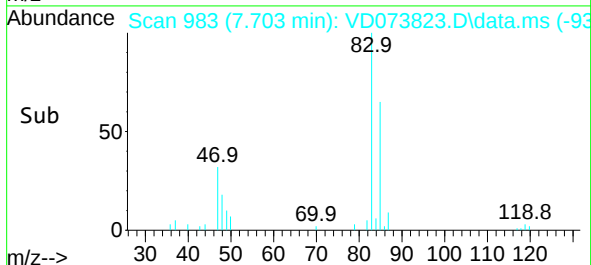
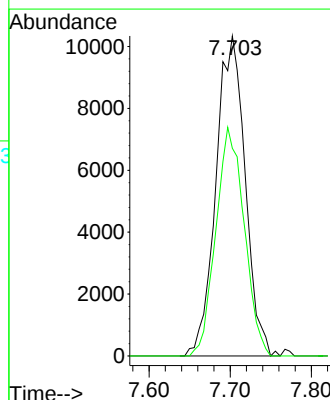
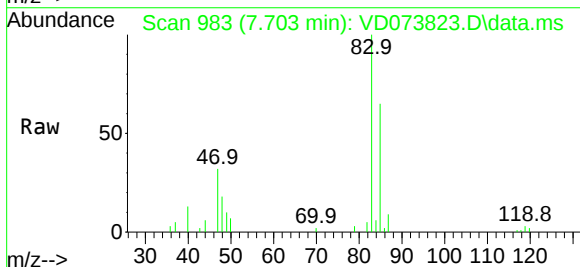
RT: 7.703 min Scan# 983

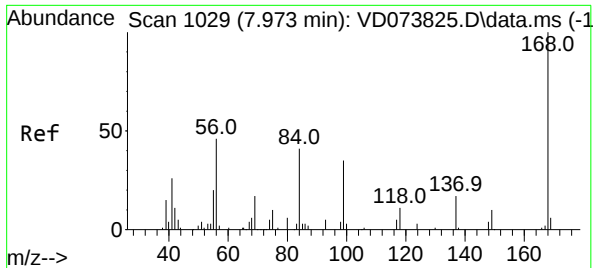
Delta R.T. 0.006 min

Lab File: VD073823.D

Acq: 11 Jul 2022 12:09

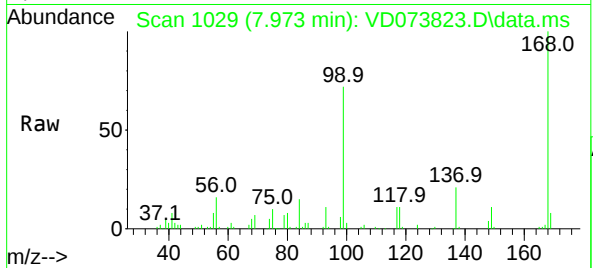
Tgt Ion:	83	Resp:	25867
Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.2	76.8





#31
Cyclohexane
Concen: 10.123 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073823.D
Acq: 11 Jul 2022 12:09

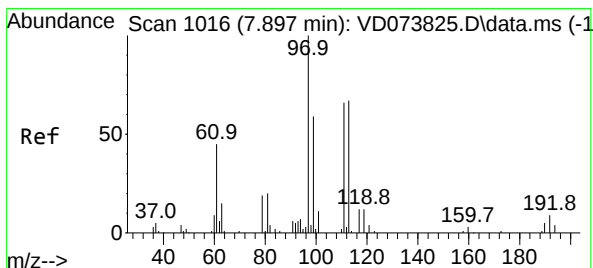
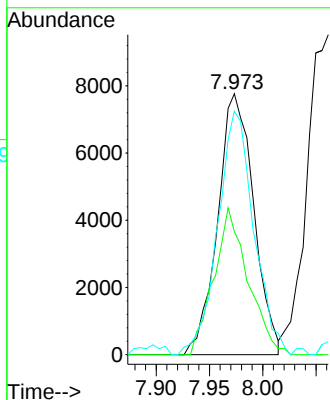
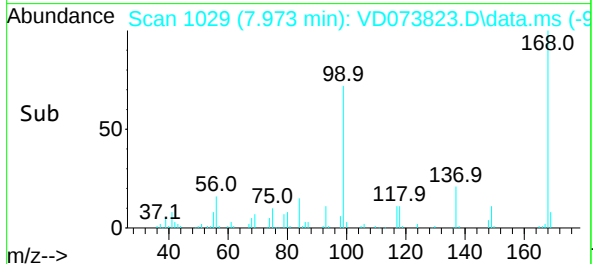
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



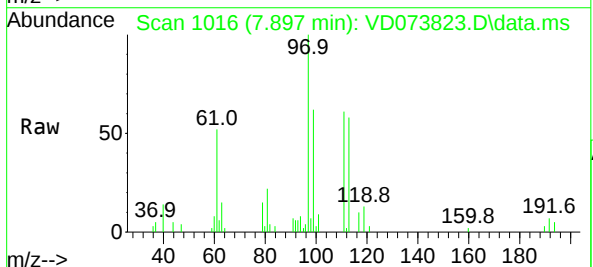
Tgt Ion: 56 Resp: 1823
Ion Ratio Lower Upper
56 100
69 47.1 29.1 43.7
84 93.3 68.2 102.2

Manual Integrations
APPROVED

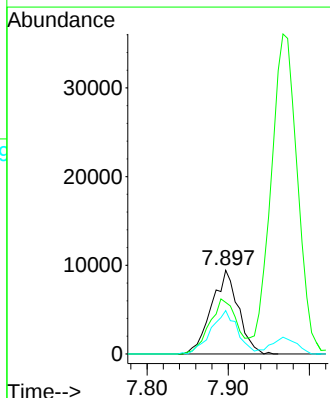
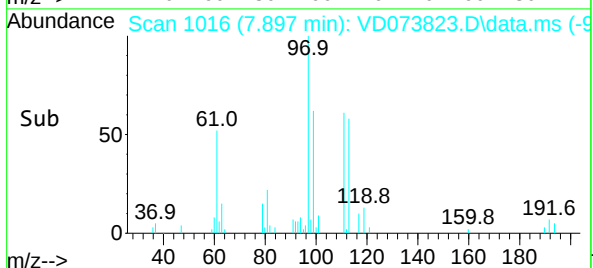
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022

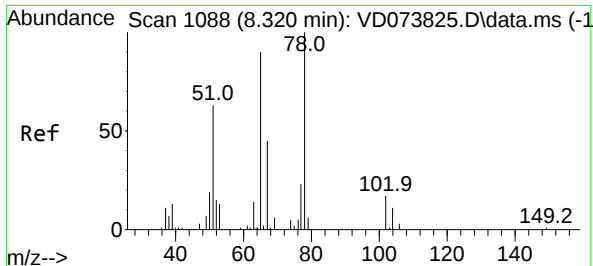


#32
1,1,1-Trichloroethane
Concen: 9.086 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VD073823.D
Acq: 11 Jul 2022 12:09



Tgt Ion: 97 Resp: 21704
Ion Ratio Lower Upper
97 100
99 65.3 52.2 78.2
61 50.9 37.0 55.4





#33

1,2-Dichloroethane-d4

Concen: 11.960 ug/l

RT: 8.326 min Scan# 1088

Delta R.T. 0.006 min

Lab File: VD073823.D

Acq: 11 Jul 2022 12:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tgt Ion: 65 Resp: 1729

Ion Ratio Lower Upper

65 100

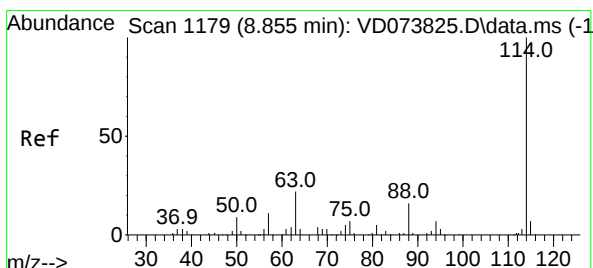
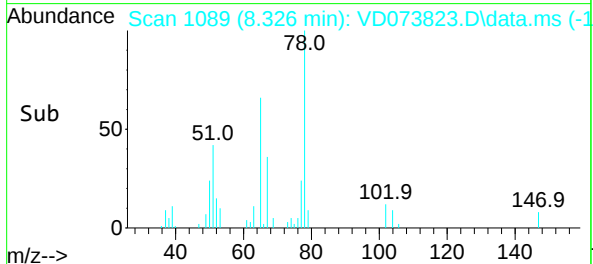
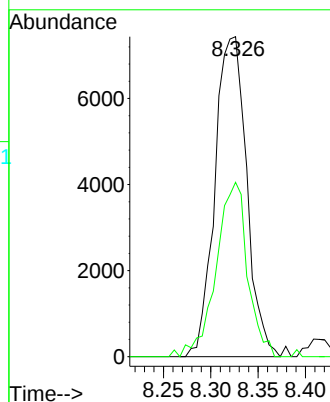
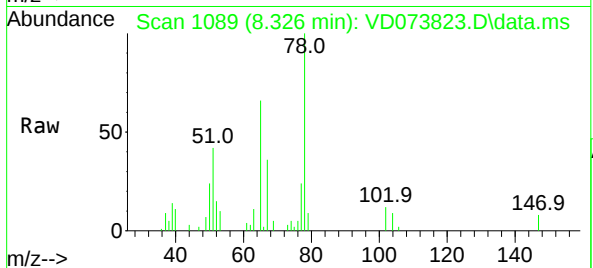
67 53.9 0.0 106.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/12/2022

Supervised By :Mahesh Dadoda 07/12/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073823.D

Acq: 11 Jul 2022 12:09

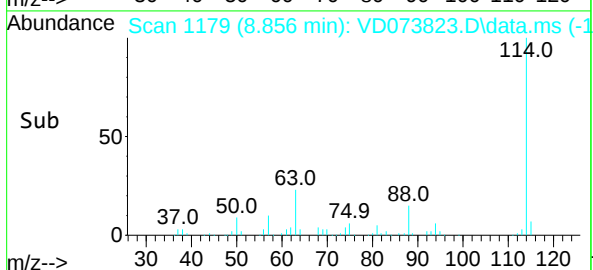
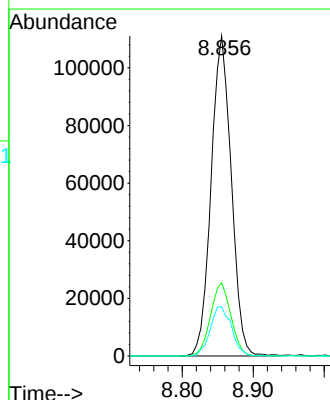
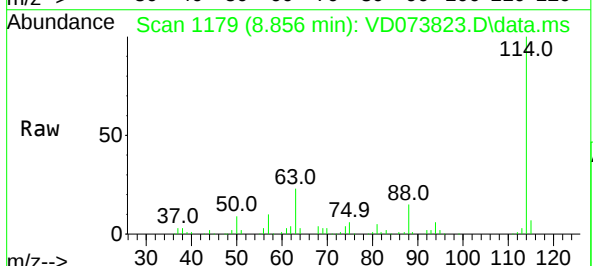
Tgt Ion:114 Resp: 218594

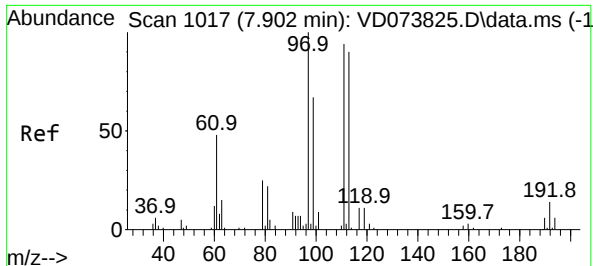
Ion Ratio Lower Upper

114 100

63 22.8 0.0 43.0

88 15.4 0.0 33.0





#35

Dibromofluoromethane

Concen: 10.891 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. 0.000 min

Lab File: VD073823.D

Acq: 11 Jul 2022 12:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

Tgt Ion: 113 Resp: 1499

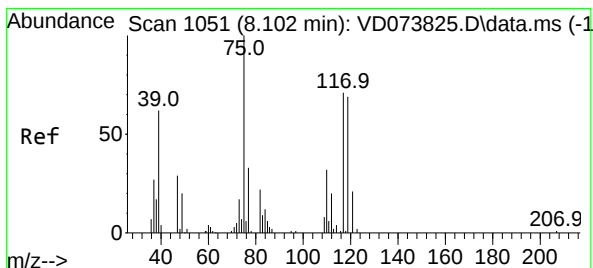
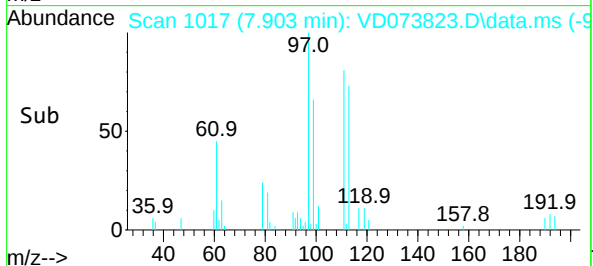
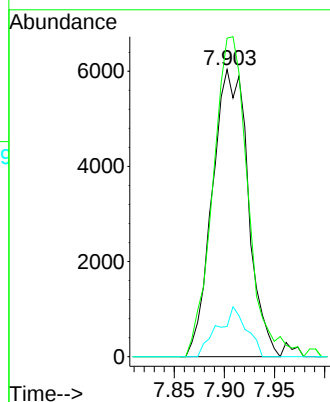
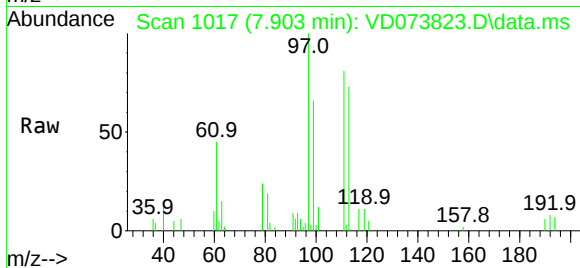
Ion	Ratio	Lower	Upper
113	100		
111	108.6	82.2	123.4
192	13.9	12.3	18.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/12/2022

Supervised By :Mahesh Dadoda 07/12/2022



#36

1,1-Dichloropropene

Concen: 9.449 ug/l

RT: 8.097 min Scan# 1050

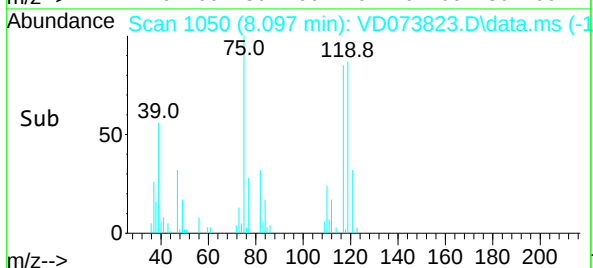
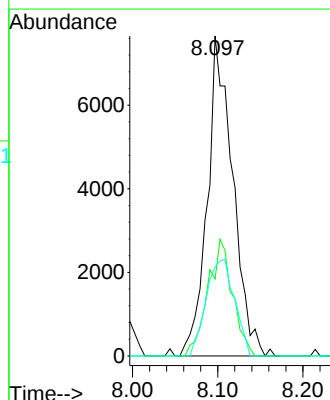
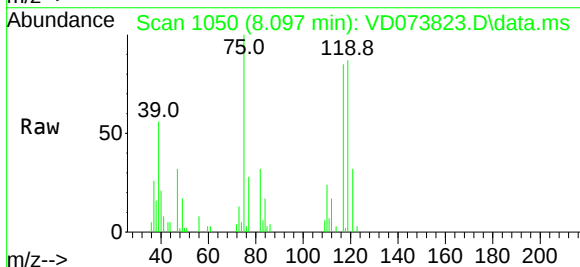
Delta R.T. -0.006 min

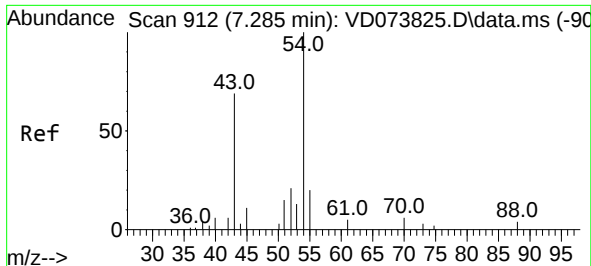
Lab File: VD073823.D

Acq: 11 Jul 2022 12:09

Tgt Ion: 75 Resp: 15929

Ion	Ratio	Lower	Upper
75	100		
110	35.2	16.0	47.9
77	33.5	25.3	37.9





#37

Ethyl Acetate

Concen: 9.770 ug/l

RT: 7.279 min Scan# 912

Delta R.T. -0.006 min

Lab File: VD073823.D

Acq: 11 Jul 2022 12:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

Tgt Ion: 43 Resp: 968

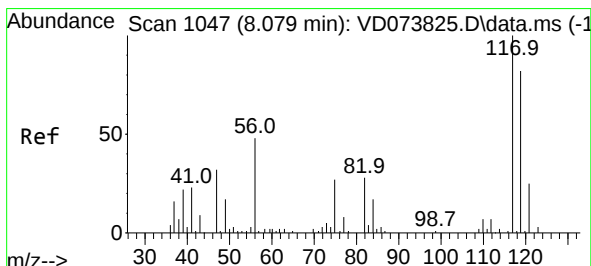
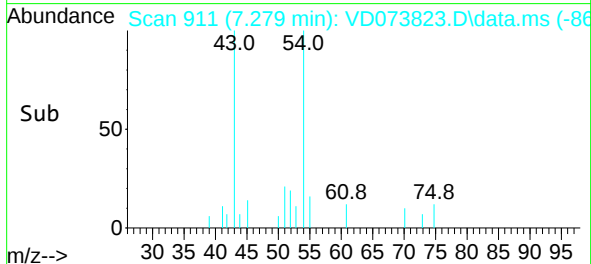
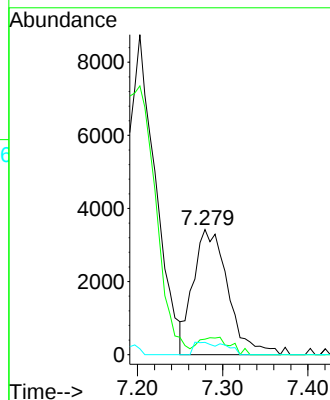
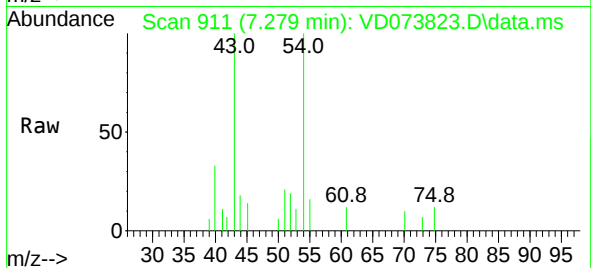
Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.8	16.2
70	5.5	7.5	11.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/12/2022

Supervised By :Mahesh Dadoda 07/12/2022



#38

Carbon Tetrachloride

Concen: 9.272 ug/l

RT: 8.085 min Scan# 1048

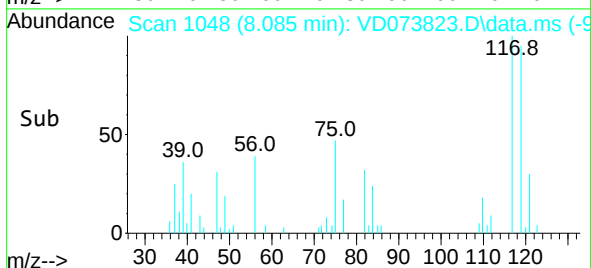
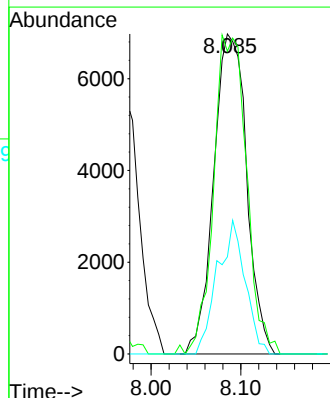
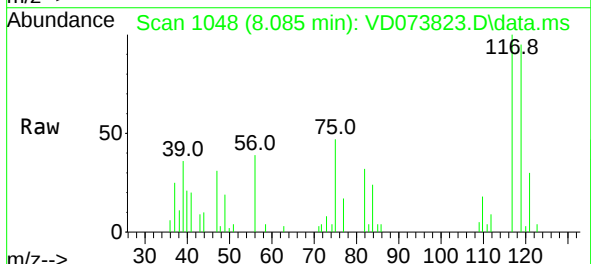
Delta R.T. 0.006 min

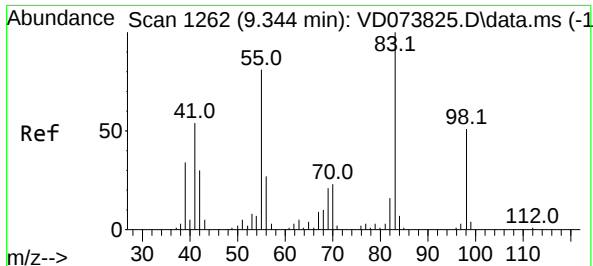
Lab File: VD073823.D

Acq: 11 Jul 2022 12:09

Tgt Ion: 117 Resp: 17766

Ion	Ratio	Lower	Upper
117	100		
119	94.6	65.6	98.4
121	30.4	20.1	30.1





#39

Methylcyclohexane

Concen: 10.267 ug/l

RT: 9.350 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD073823.D

Acq: 11 Jul 2022 12:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

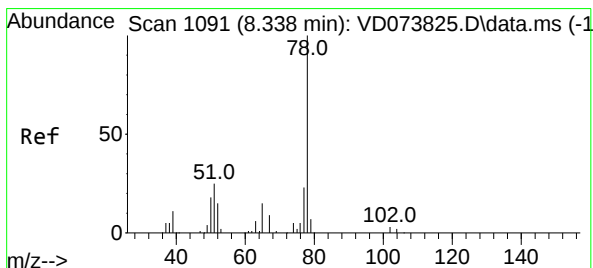
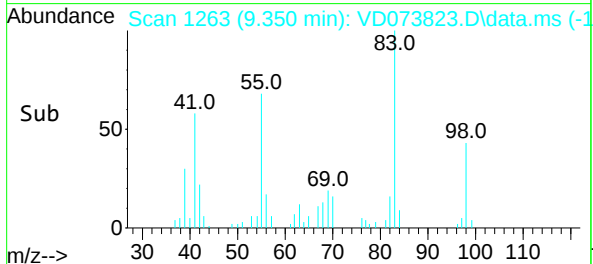
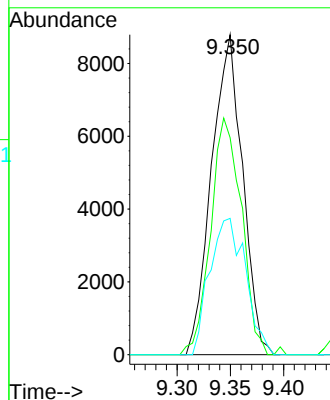
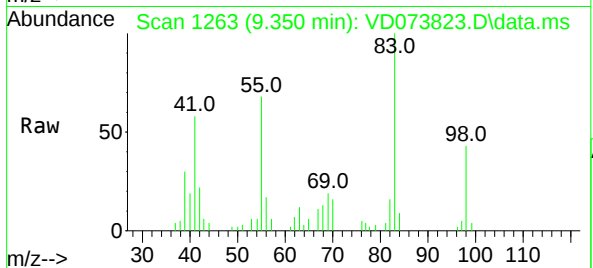
Tgt Ion: 83	Resp: 1779
Ion Ratio	Lower Upper
83 100	
55 67.8	64.8 97.2
98 42.6	41.0 61.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/12/2022

Supervised By :Mahesh Dadoda 07/12/2022



#40

Benzene

Concen: 9.354 ug/l

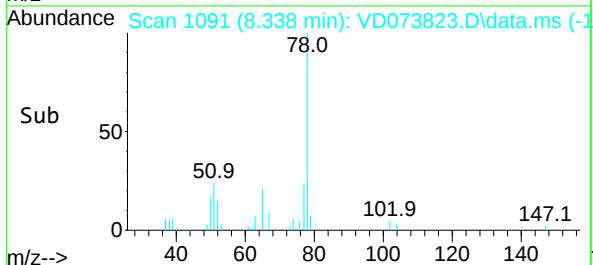
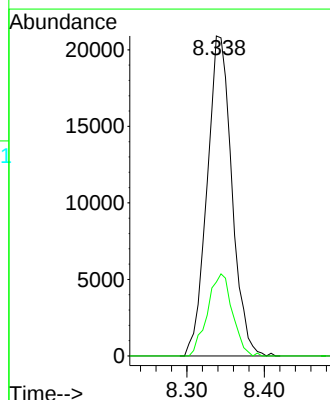
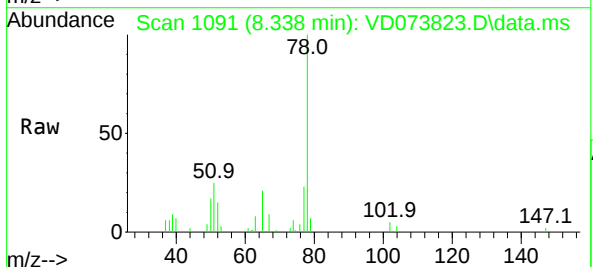
RT: 8.338 min Scan# 1091

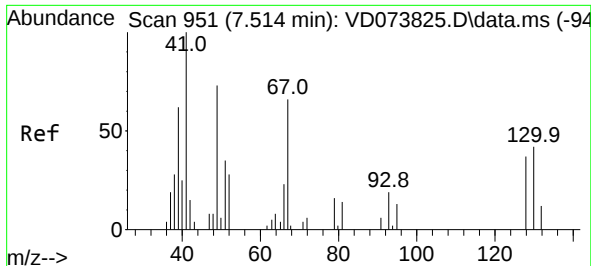
Delta R.T. 0.000 min

Lab File: VD073823.D

Acq: 11 Jul 2022 12:09

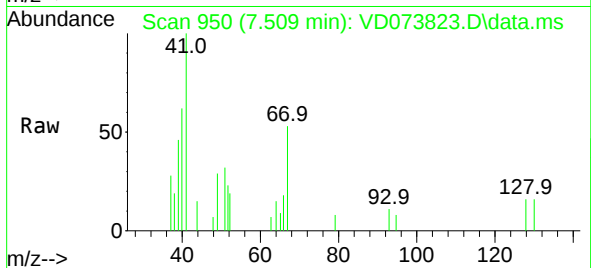
Tgt Ion: 78	Resp: 46389
Ion Ratio	Lower Upper
78 100	
77 23.1	18.8 28.2





#41
Methacrylonitrile
Concen: 10.149 ug/l
RT: 7.509 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD073823.D
Acq: 11 Jul 2022 12:09

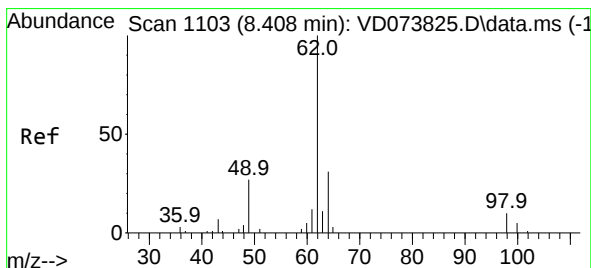
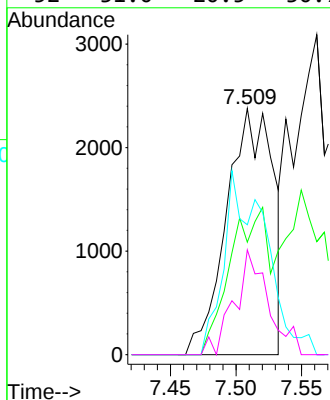
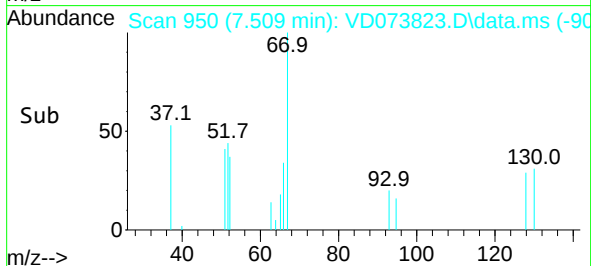
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



Tgt Ion: 41 Resp: 5862
Ion Ratio Lower Upper
41 100
39 48.8 35.6 53.4
67 0.0 45.0 67.6
52 31.0 20.5 30.7#

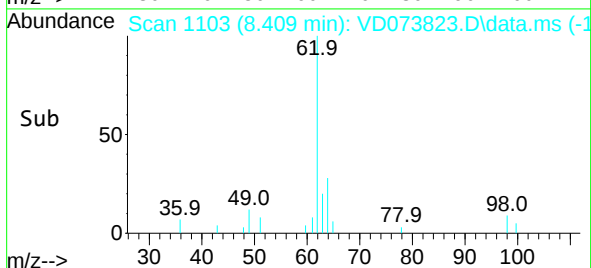
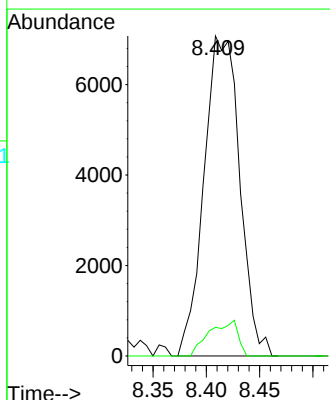
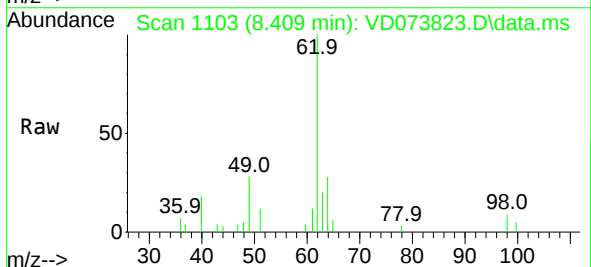
Manual Integrations
APPROVED

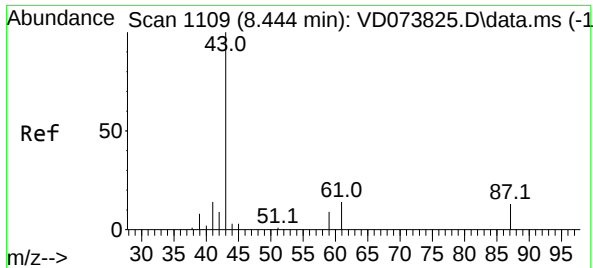
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022



#42
1,2-Dichloroethane
Concen: 9.644 ug/l
RT: 8.409 min Scan# 1103
Delta R.T. 0.000 min
Lab File: VD073823.D
Acq: 11 Jul 2022 12:09

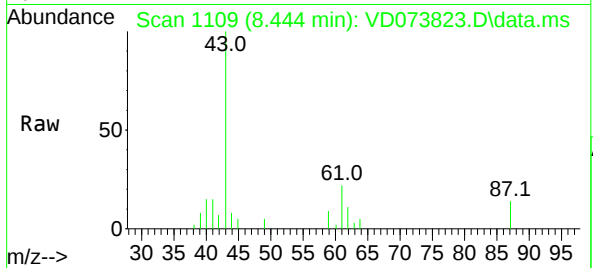
Tgt Ion: 62 Resp: 16467
Ion Ratio Lower Upper
62 100
98 8.9 0.0 16.2





#43
Isopropyl Acetate
Concen: 8.975 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VD073823.D
Acq: 11 Jul 2022 12:09

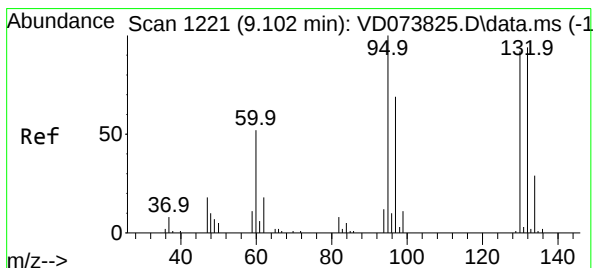
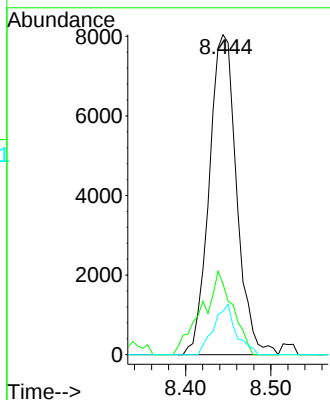
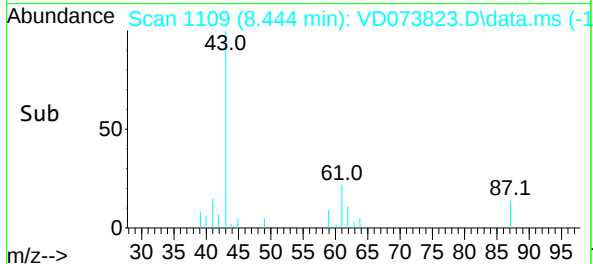
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



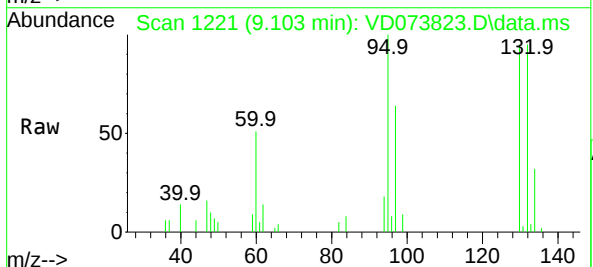
Tgt Ion: 43 Resp: 1800
Ion Ratio Lower Upper
43 100
61 29.5 22.2 33.2
87 12.8 9.7 14.5

Manual Integrations
APPROVED

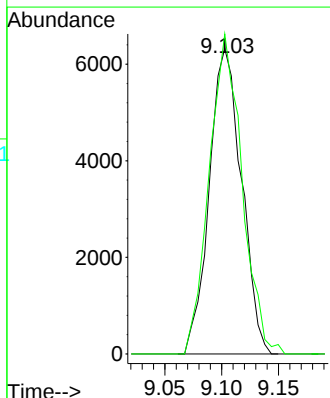
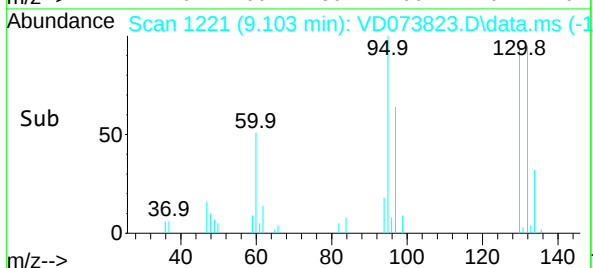
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022

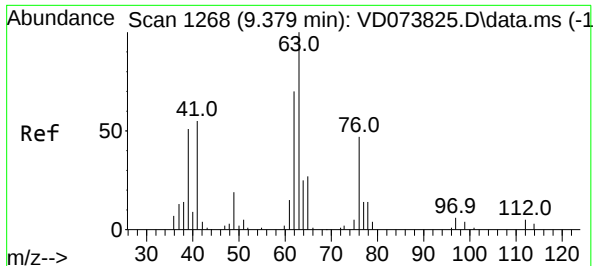


#44
Trichloroethene
Concen: 9.463 ug/l
RT: 9.103 min Scan# 1221
Delta R.T. 0.000 min
Lab File: VD073823.D
Acq: 11 Jul 2022 12:09



Tgt Ion:130 Resp: 12483
Ion Ratio Lower Upper
130 100
95 104.8 0.0 217.0





#45

1,2-Dichloropropane

Concen: 9.232 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. 0.000 min

Lab File: VD073823.D

Acq: 11 Jul 2022 12:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

Tgt Ion: 63 Resp: 13140

Ion Ratio Lower Upper

63 100

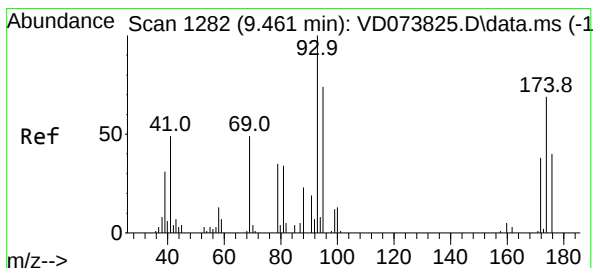
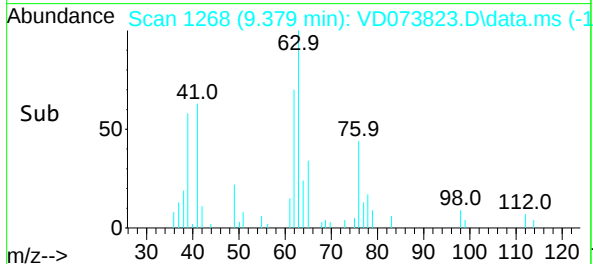
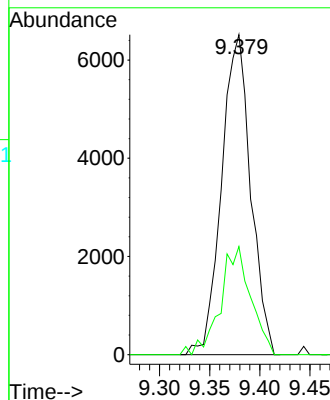
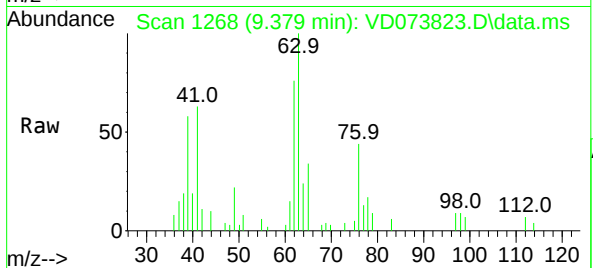
65 33.8 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/12/2022

Supervised By :Mahesh Dadoda 07/12/2022



#46

Dibromomethane

Concen: 8.959 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.006 min

Lab File: VD073823.D

Acq: 11 Jul 2022 12:09

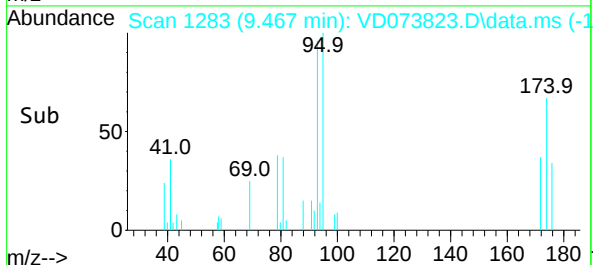
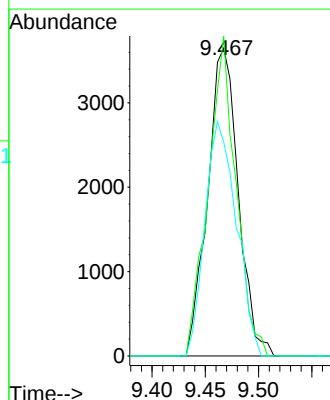
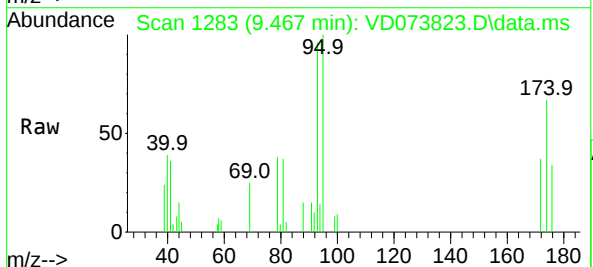
Tgt Ion: 93 Resp: 7305

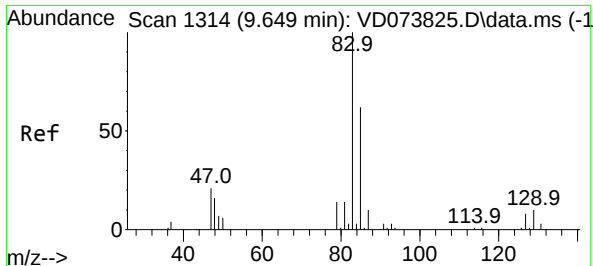
Ion Ratio Lower Upper

93 100

95 94.3 61.8 92.6

174 78.2 58.7 88.1





#47

Bromodichloromethane

Concen: 9.423 ug/l

RT: 9.650 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VD073823.D

Acq: 11 Jul 2022 12:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

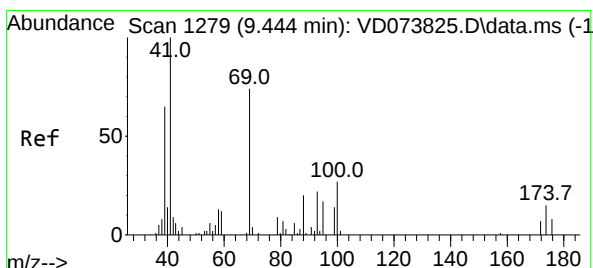
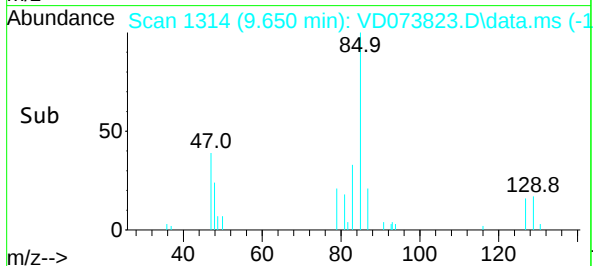
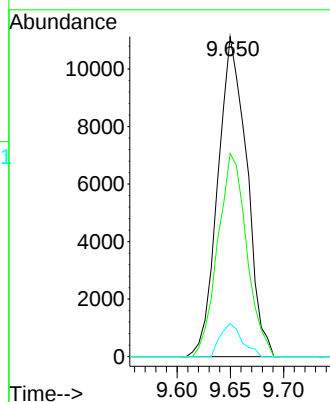
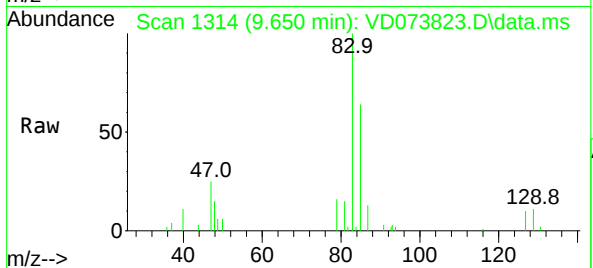
Tgt Ion: 83	Resp: 20929
Ion Ratio	Lower Upper
83 100	
85 63.5	50.0 75.0
127 10.3	6.2 9.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/12/2022

Supervised By :Mahesh Dadoda 07/12/2022



#48

Methyl methacrylate

Concen: 9.288 ug/l

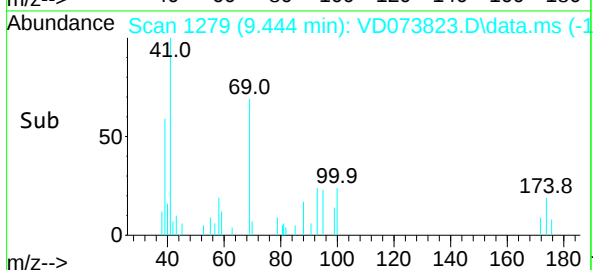
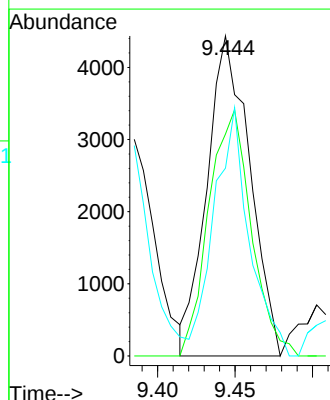
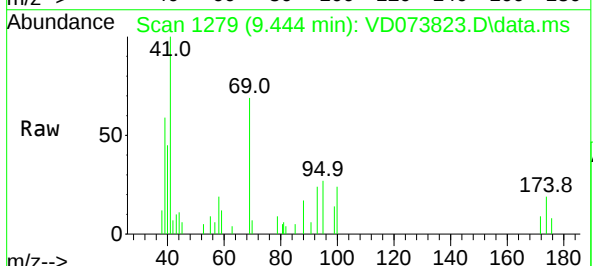
RT: 9.444 min Scan# 1279

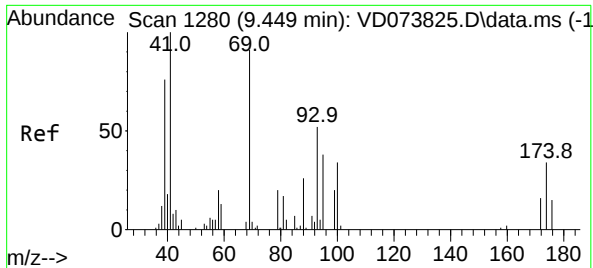
Delta R.T. 0.000 min

Lab File: VD073823.D

Acq: 11 Jul 2022 12:09

Tgt Ion: 41	Resp: 8501
Ion Ratio	Lower Upper
41 100	
69 76.5	63.4 95.2
39 63.7	55.6 83.4





#49

1,4-Dioxane

Concen: 165.983 ug/l m

RT: 9.456 min Scan# 1280

Delta R.T. 0.006 min

Lab File: VD073823.D

Acq: 11 Jul 2022 12:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tgt Ion: 88 Resp: 1679

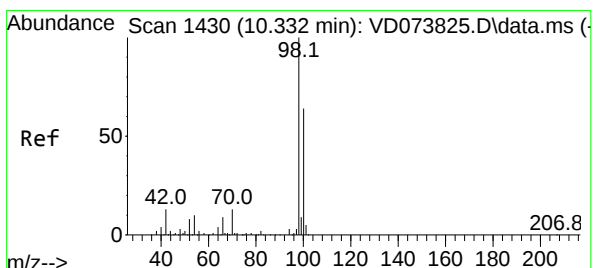
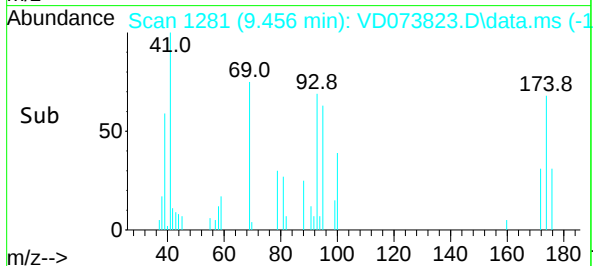
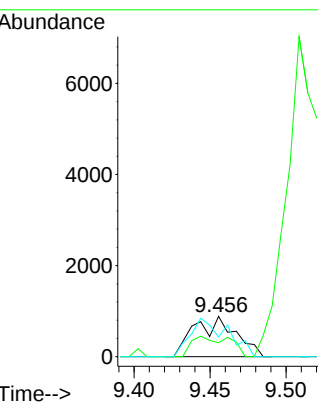
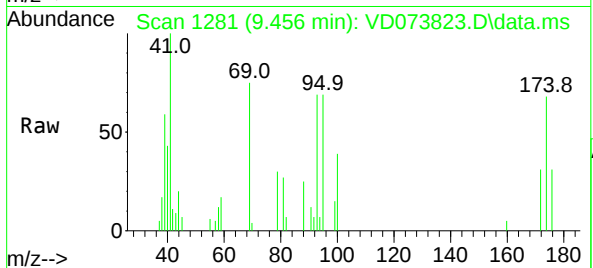
Ion	Ratio	Lower	Upper
88	100		
43	46.3	34.2	51.4
58	85.5	54.8	82.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/12/2022

Supervised By :Mahesh Dadoda 07/12/2022



#50

Toluene-d8

Concen: 12.135 ug/l

RT: 10.332 min Scan# 1430

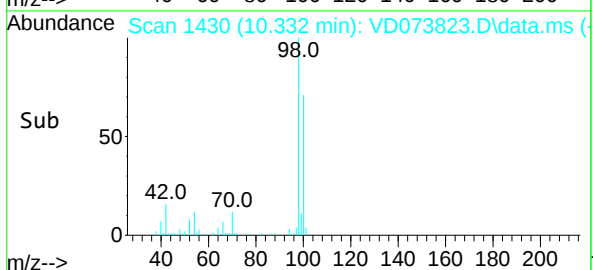
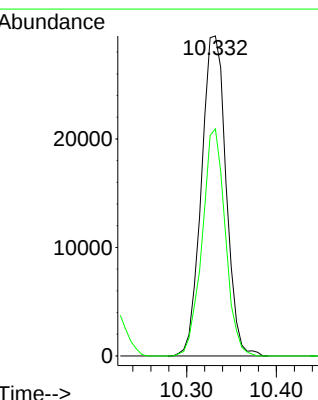
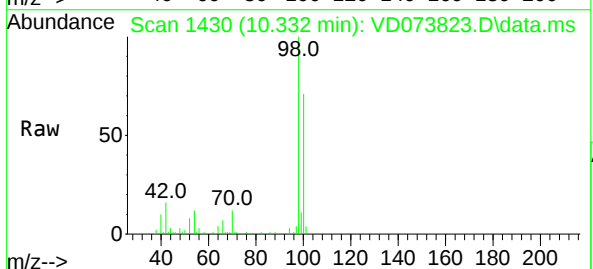
Delta R.T. 0.000 min

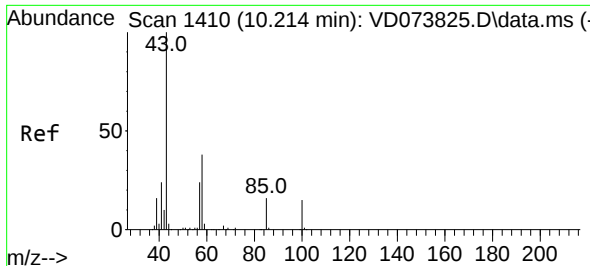
Lab File: VD073823.D

Acq: 11 Jul 2022 12:09

Tgt Ion: 98 Resp: 56140

Ion	Ratio	Lower	Upper
98	100		
100	66.6	52.9	79.3





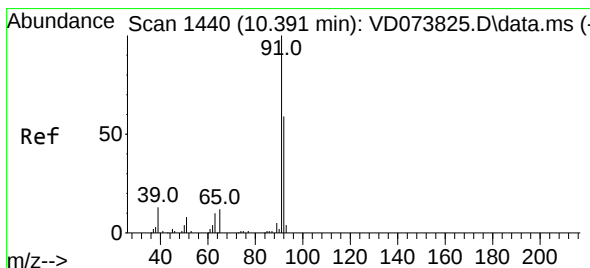
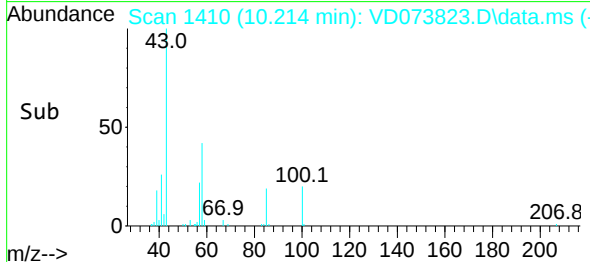
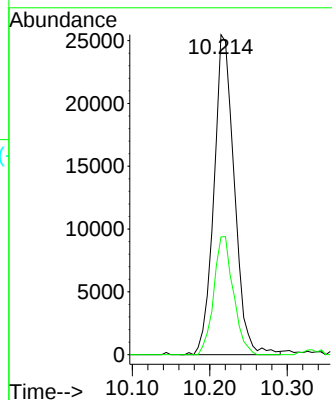
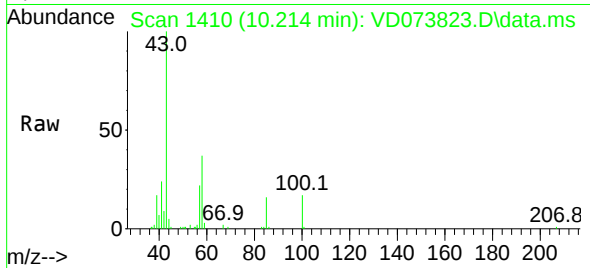
#51
4-Methyl-2-Pentanone
Concen: 44.540 ug/l
RT: 10.214 min Scan# 1410
Delta R.T. 0.000 min
Lab File: VD073823.D
Acq: 11 Jul 2022 12:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

Tgt Ion: 43 Resp: 4664
Ion Ratio Lower Upper
43 100
58 35.4 29.3 43.9

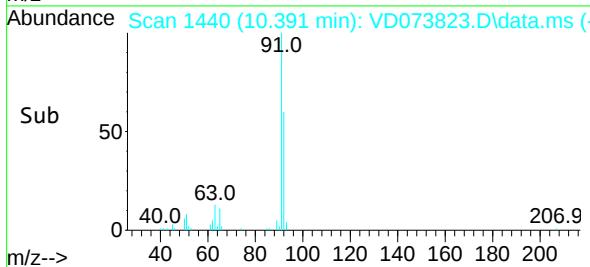
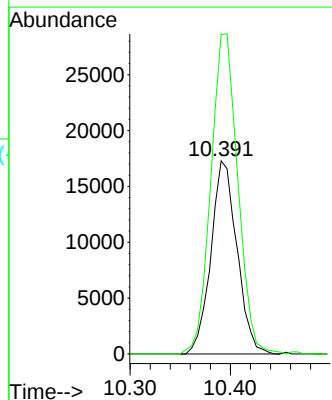
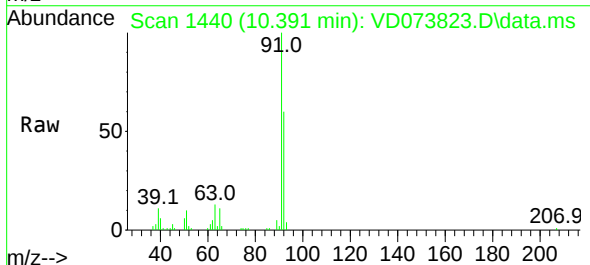
Manual Integrations
APPROVED

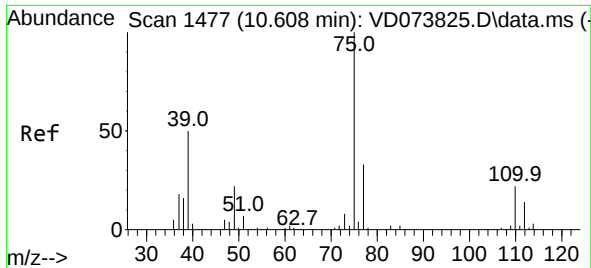
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022



#52
Toluene
Concen: 9.477 ug/l
RT: 10.391 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VD073823.D
Acq: 11 Jul 2022 12:09

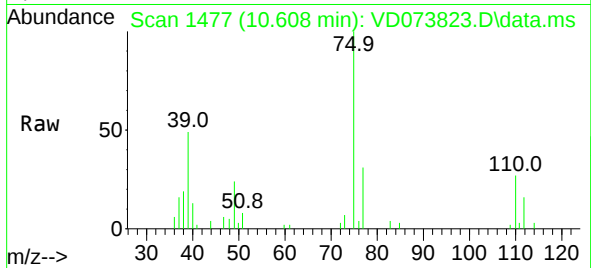
Tgt Ion: 92 Resp: 31176
Ion Ratio Lower Upper
92 100
91 171.7 138.4 207.6





#53
t-1,3-Dichloropropene
Concen: 9.214 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VD073823.D
Acq: 11 Jul 2022 12:09

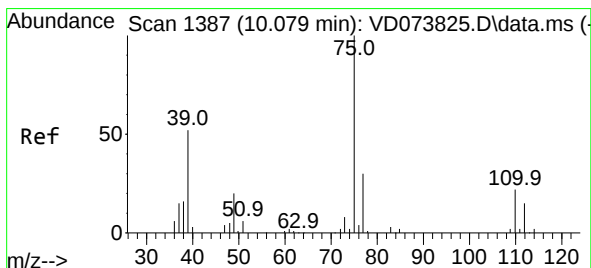
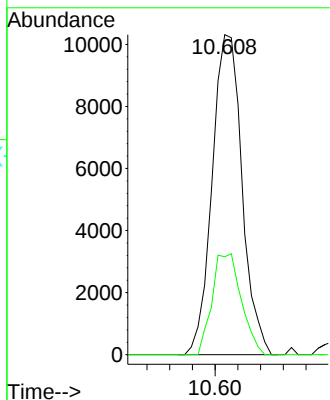
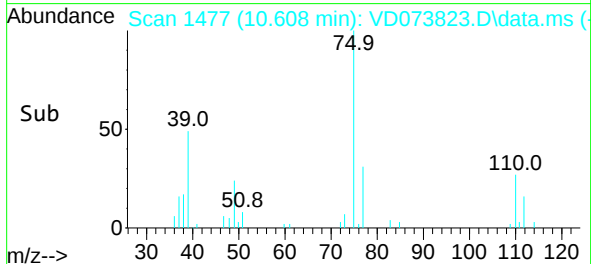
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



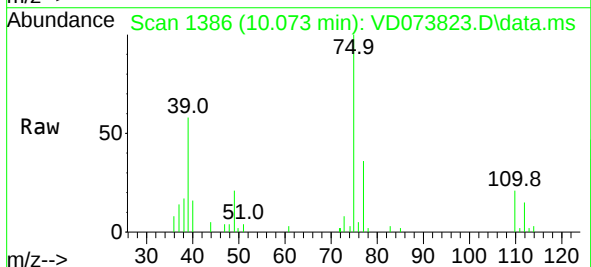
Tgt Ion: 75 Resp: 18829
Ion Ratio Lower Upper
75 100
77 30.6 26.4 39.6

Manual Integrations
APPROVED

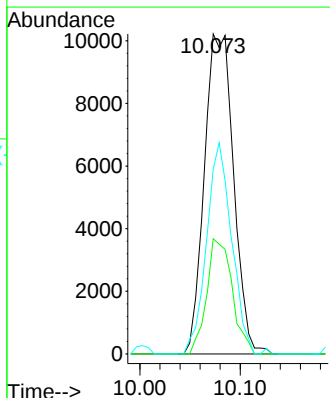
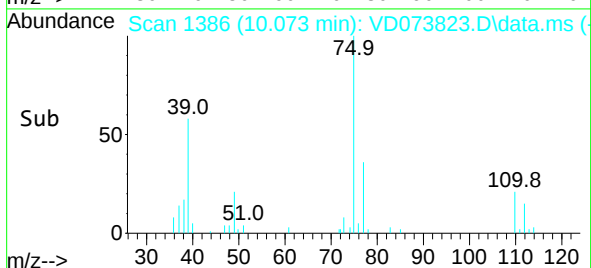
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022

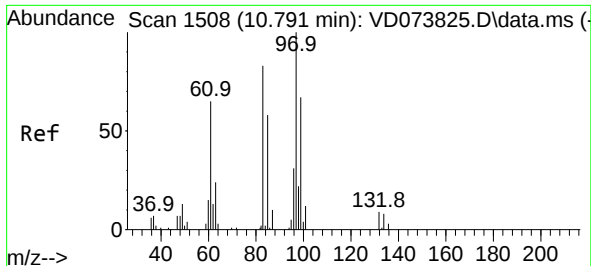


#54
cis-1,3-Dichloropropene
Concen: 9.134 ug/l
RT: 10.073 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VD073823.D
Acq: 11 Jul 2022 12:09



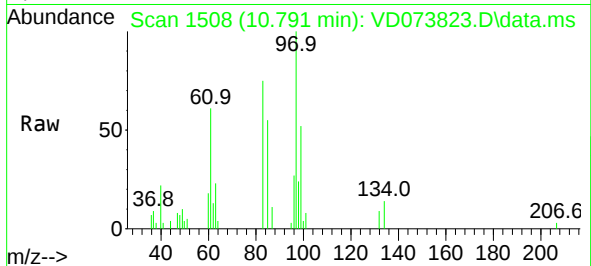
Tgt Ion: 75 Resp: 20694
Ion Ratio Lower Upper
75 100
77 36.0 24.2 36.4
39 57.8 41.4 62.2





#55
1,1,2-Trichloroethane
Concen: 9.596 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VD073823.D
Acq: 11 Jul 2022 12:09

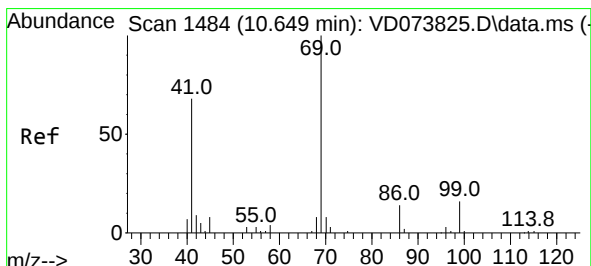
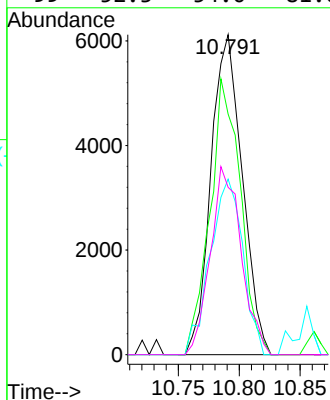
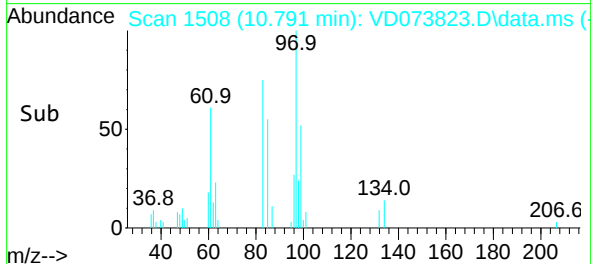
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



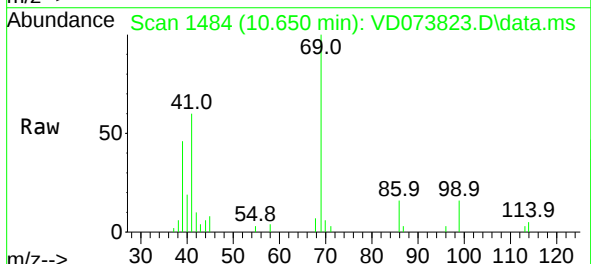
Tgt Ion:	97	Resp:	10950
Ion	Ratio	Lower	Upper
97	100		
83	75.2	66.8	100.2
85	54.8	46.6	69.8
99	52.3	54.0	81.0

Manual Integrations
APPROVED

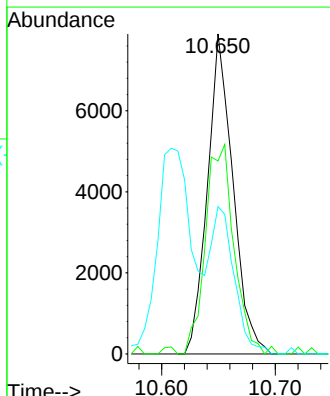
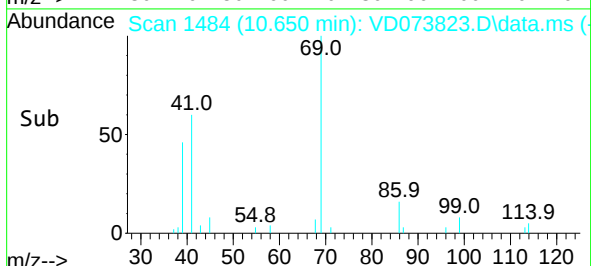
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022

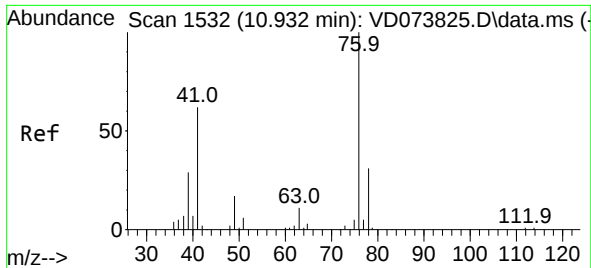


#56
Ethyl methacrylate
Concen: 8.453 ug/l
RT: 10.650 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VD073823.D
Acq: 11 Jul 2022 12:09



Tgt Ion:	69	Resp:	12312
Ion	Ratio	Lower	Upper
69	100		
41	73.7	55.3	82.9
39	42.0	35.9	53.9





#57

1,3-Dichloropropane

Concen: 9.807 ug/l

RT: 10.932 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD073823.D

Acq: 11 Jul 2022 12:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tgt Ion: 76 Resp: 19319

Ion Ratio Lower Upper

76 100

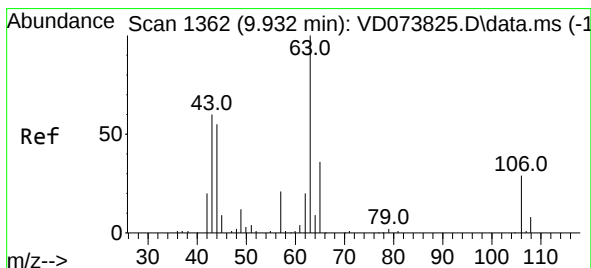
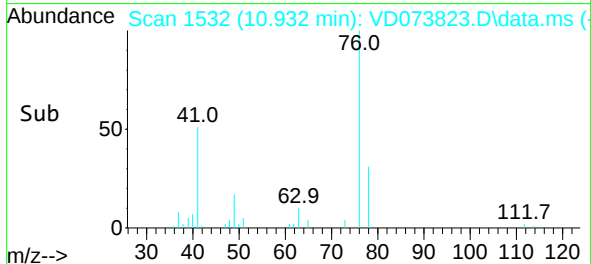
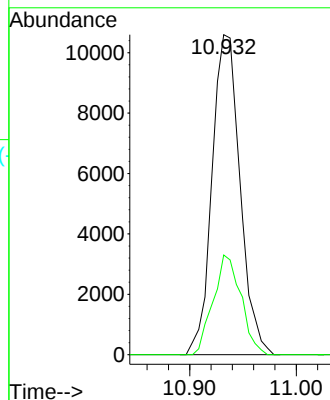
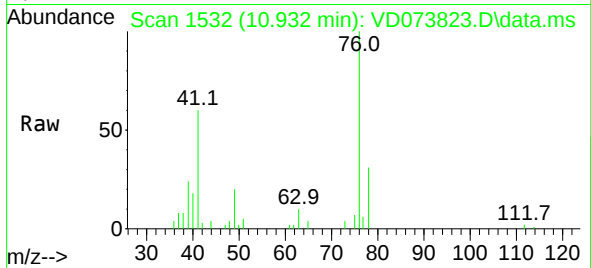
78 30.9 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/12/2022

Supervised By :Mahesh Dadoda 07/12/2022



#58

2-Chloroethyl Vinyl ether

Concen: 43.749 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VD073823.D

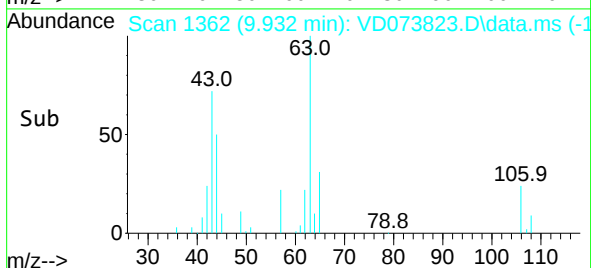
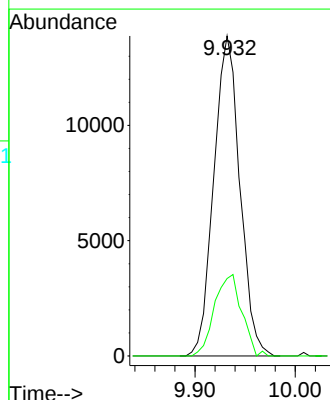
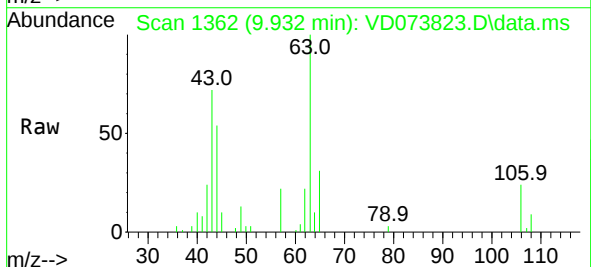
Acq: 11 Jul 2022 12:09

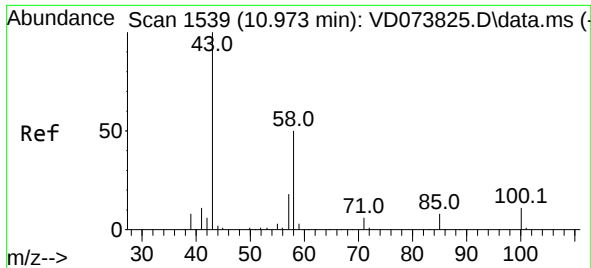
Tgt Ion: 63 Resp: 25061

Ion Ratio Lower Upper

63 100

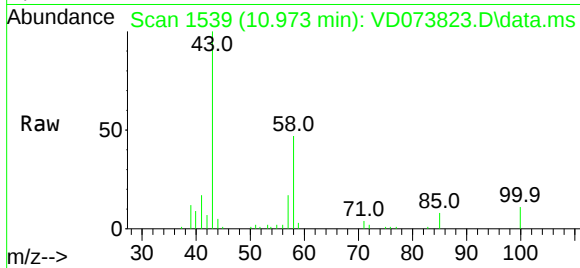
106 26.5 21.3 31.9





#59
2-Hexanone
Concen: 45.203 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD073823.D
Acq: 11 Jul 2022 12:09

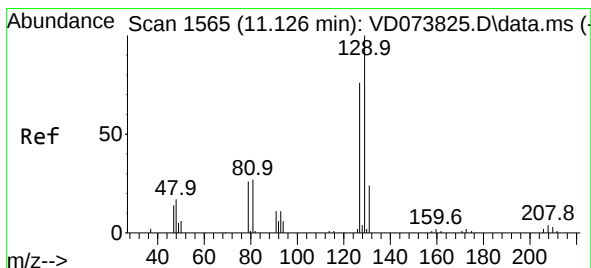
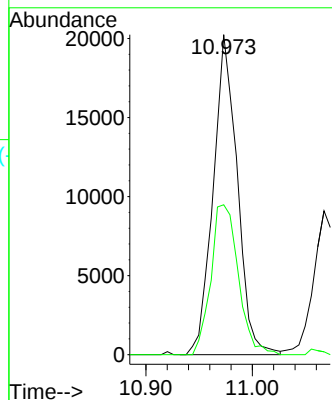
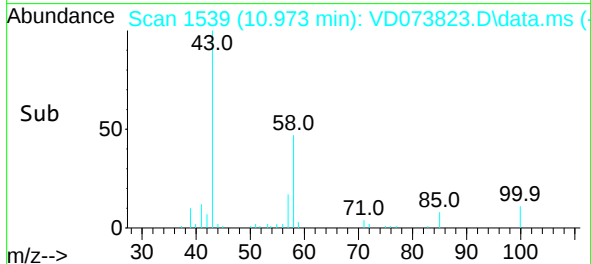
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



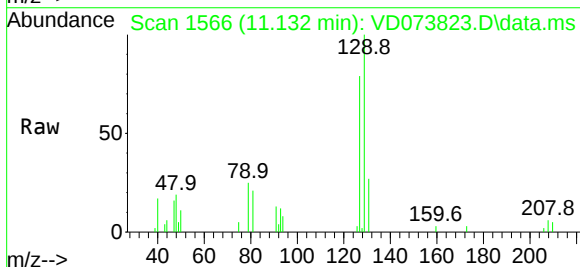
Tgt Ion: 43 Resp: 3178
Ion Ratio Lower Upper
43 100
58 53.4 25.3 75.9

Manual Integrations
APPROVED

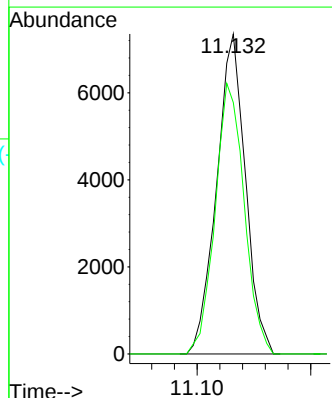
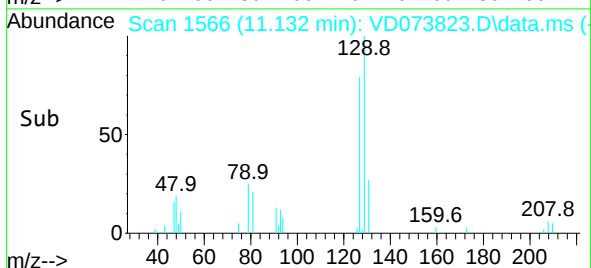
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022

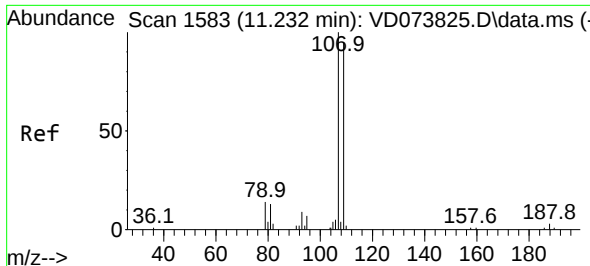


#60
Dibromochloromethane
Concen: 9.175 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.006 min
Lab File: VD073823.D
Acq: 11 Jul 2022 12:09



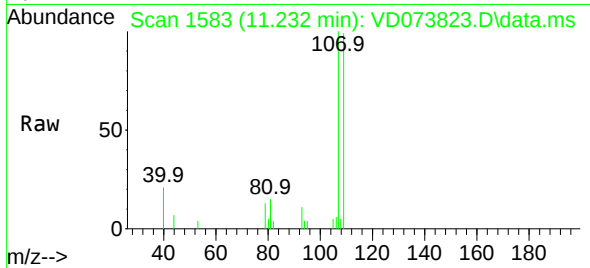
Tgt Ion:129 Resp: 12974
Ion Ratio Lower Upper
129 100
127 85.2 38.7 116.1





#61
1,2-Dibromoethane
Concen: 8.913 ug/l
RT: 11.232 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073823.D
Acq: 11 Jul 2022 12:09

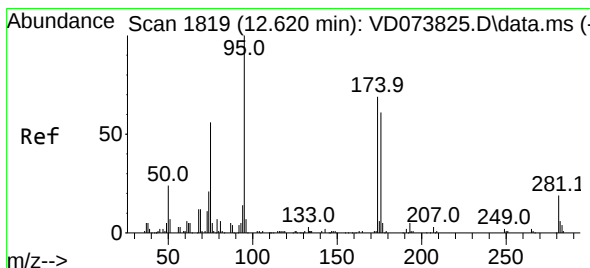
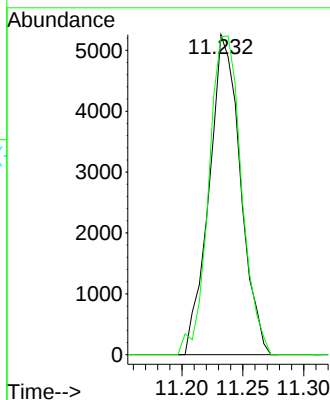
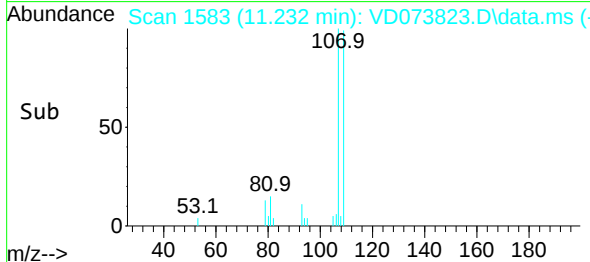
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



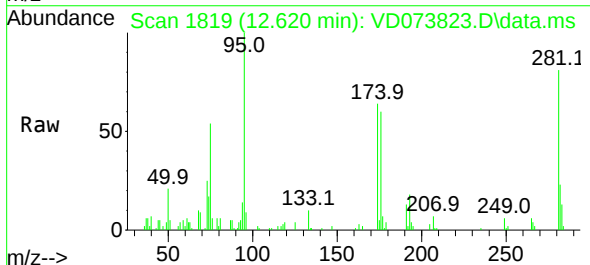
Tgt Ion:107 Resp: 9400
Ion Ratio Lower Upper
107 100
109 103.6 73.2 109.8

Manual Integrations
APPROVED

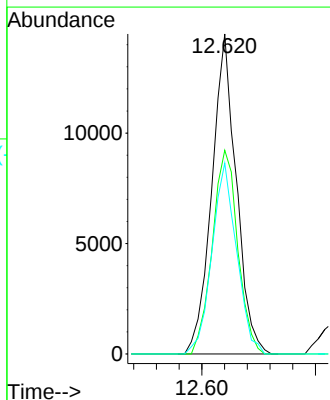
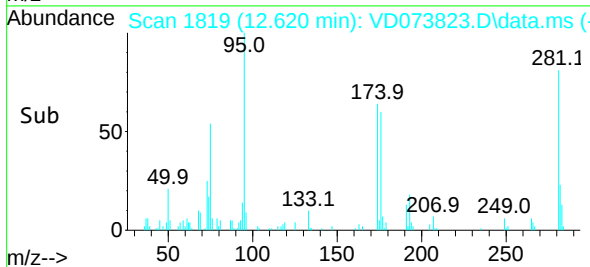
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022

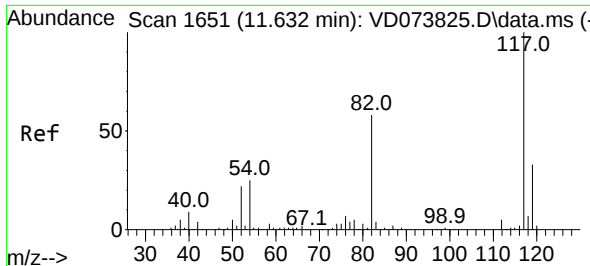


#62
4-Bromofluorobenzene
Concen: 11.125 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073823.D
Acq: 11 Jul 2022 12:09



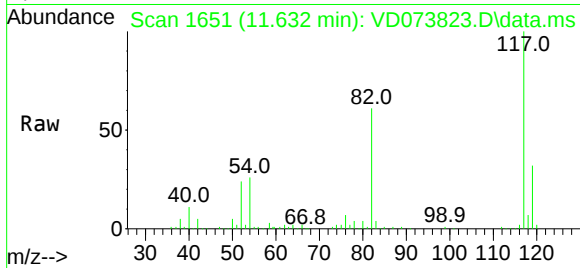
Tgt Ion: 95 Resp: 21692
Ion Ratio Lower Upper
95 100
174 66.0 0.0 131.8
176 60.1 0.0 124.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. 0.000 min
Lab File: VD073823.D
Acq: 11 Jul 2022 12:09

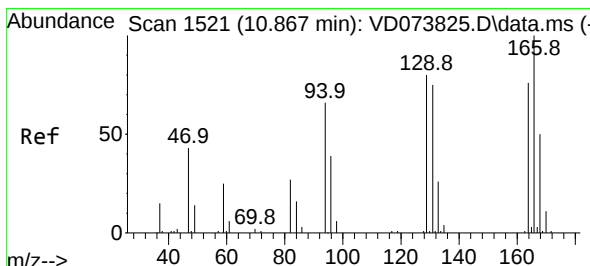
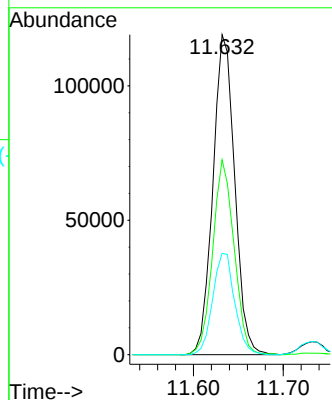
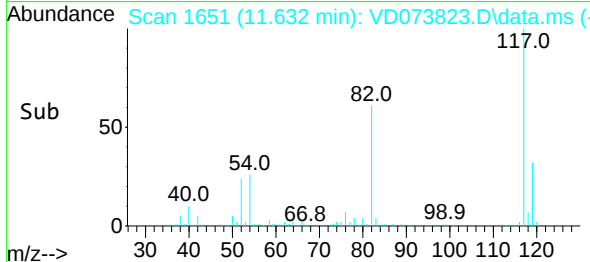
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



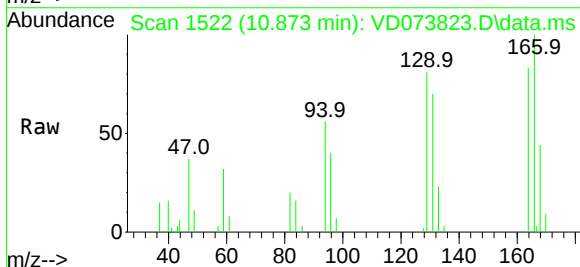
Tgt Ion:117 Resp: 200745
Ion Ratio Lower Upper
117 100
82 60.9 46.6 69.8
119 31.7 26.1 39.1

Manual Integrations
APPROVED

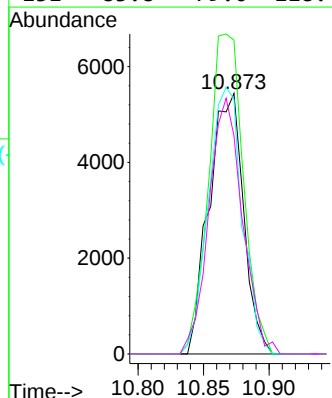
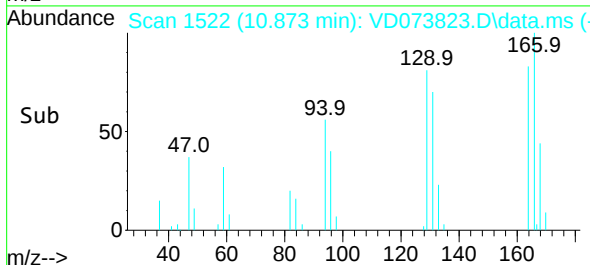
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022

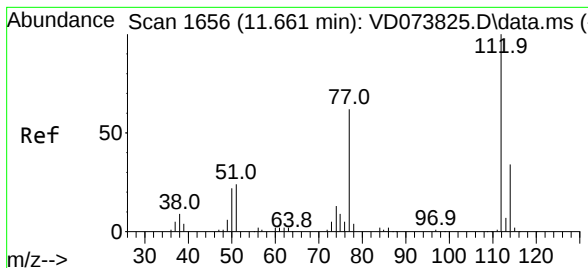


#64
Tetrachloroethene
Concen: 9.966 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.006 min
Lab File: VD073823.D
Acq: 11 Jul 2022 12:09



Tgt Ion:164 Resp: 9916
Ion Ratio Lower Upper
164 100
166 120.4 105.0 157.6
129 97.8 83.8 125.8
131 83.8 79.0 118.4





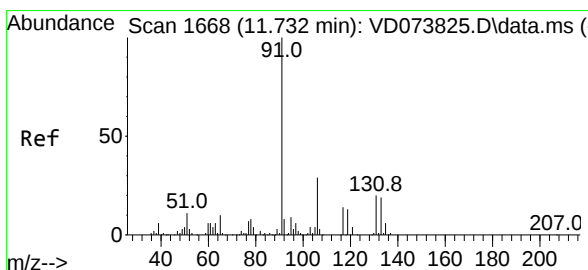
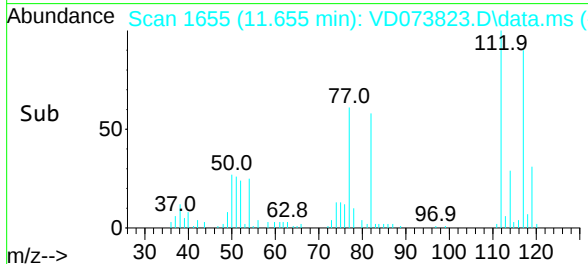
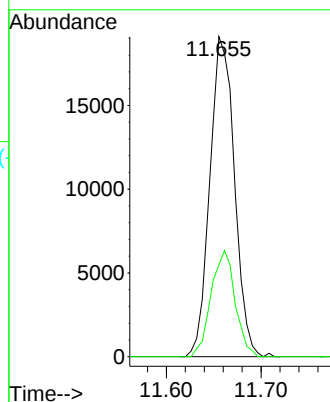
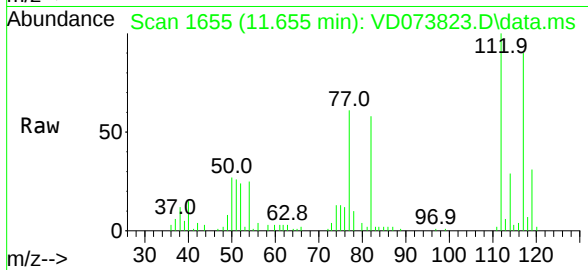
#65
Chlorobenzene
Concen: 9.160 ug/l
RT: 11.655 min Scan# 1112
Delta R.T. -0.006 min
Lab File: VD073823.D
Acq: 11 Jul 2022 12:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion:112 Resp: 3452
Ion Ratio Lower Upper
112 100
114 28.7 27.1 40.7

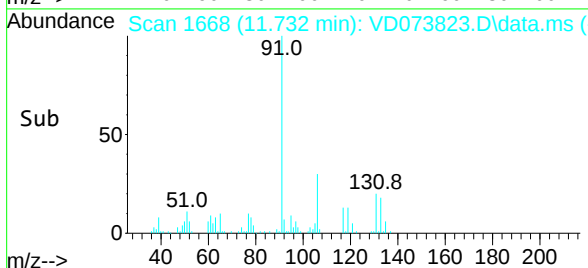
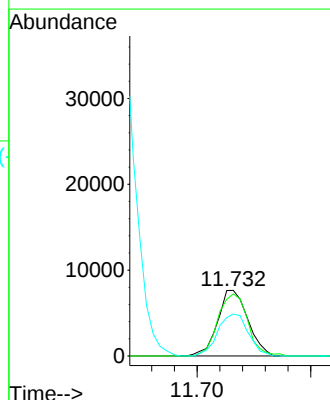
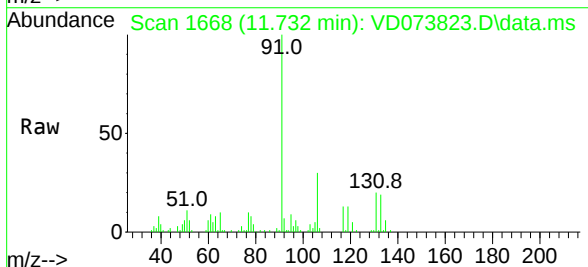
Manual Integrations
APPROVED

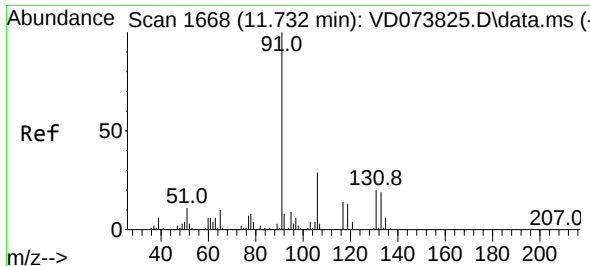
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 9.682 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VD073823.D
Acq: 11 Jul 2022 12:09

Tgt Ion:131 Resp: 14100
Ion Ratio Lower Upper
131 100
133 93.4 47.0 141.0
119 64.6 32.6 98.0





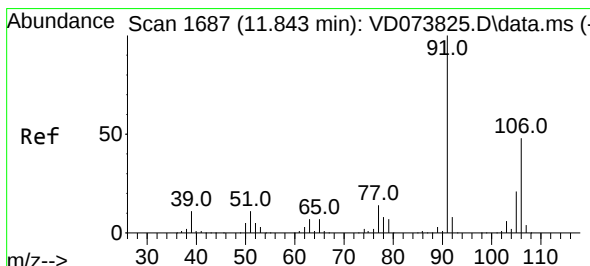
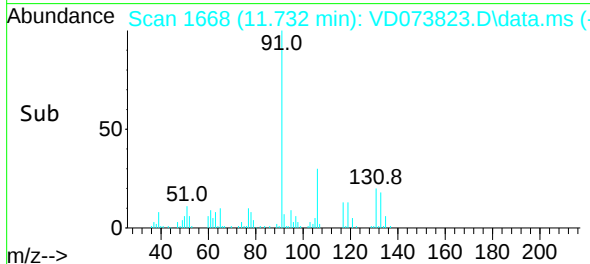
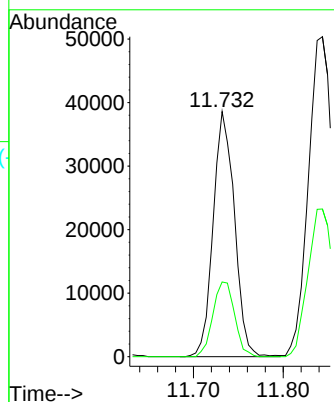
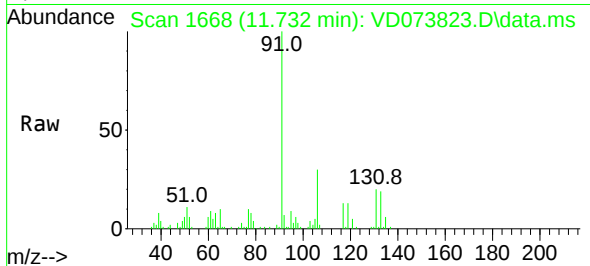
#67
Ethyl Benzene
Concen: 9.268 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VD073823.D
Acq: 11 Jul 2022 12:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 63648
Ion Ratio Lower Upper
91 100
106 30.5 23.2 34.8

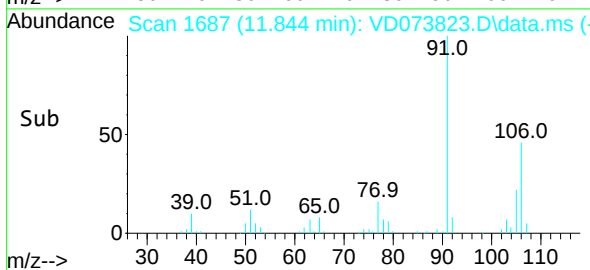
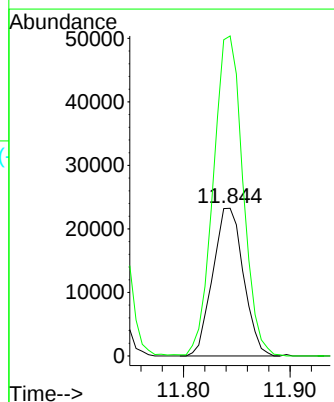
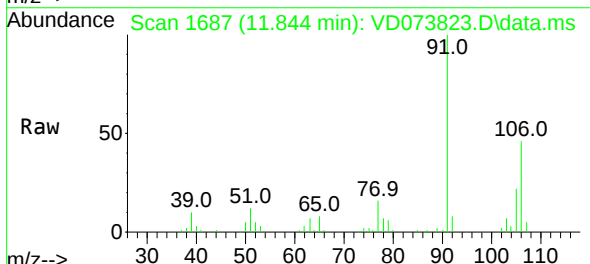
Manual Integrations
APPROVED

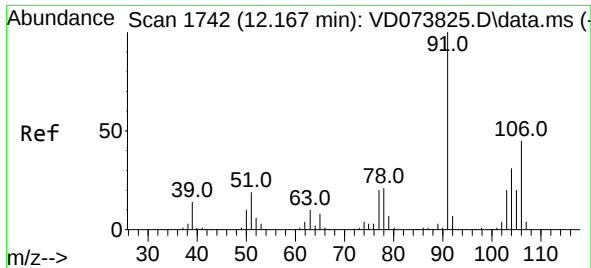
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022



#68
m/p-Xylenes
Concen: 17.926 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VD073823.D
Acq: 11 Jul 2022 12:09

Tgt Ion:106 Resp: 46436
Ion Ratio Lower Upper
106 100
91 209.7 167.0 250.4





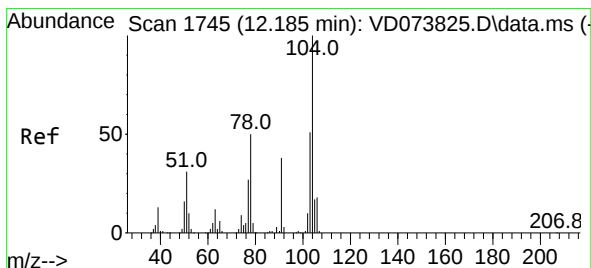
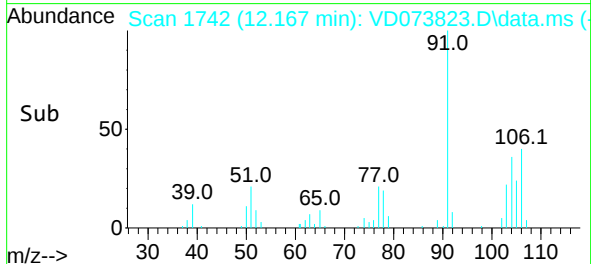
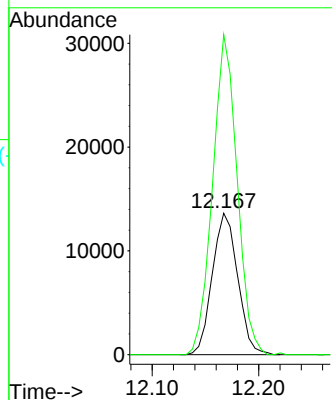
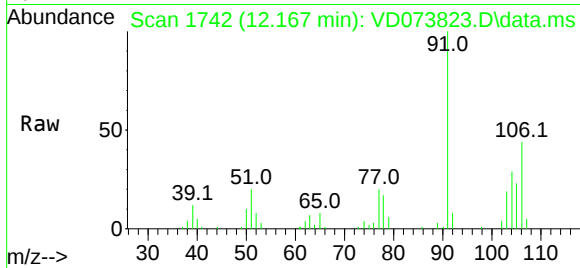
#69
o-Xylene
Concen: 9.021 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. 0.000 min
Lab File: VD073823.D
Acq: 11 Jul 2022 12:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion:106 Resp: 22510
Ion Ratio Lower Upper
106 100
91 218.6 110.4 331.2

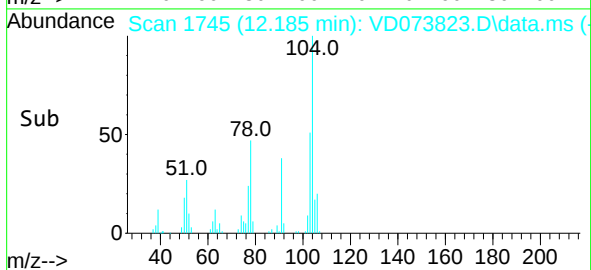
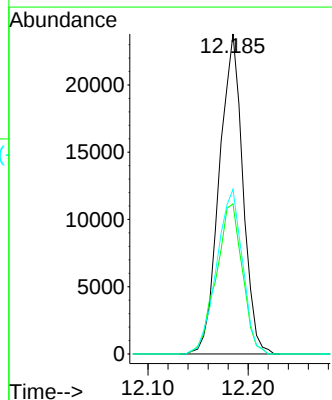
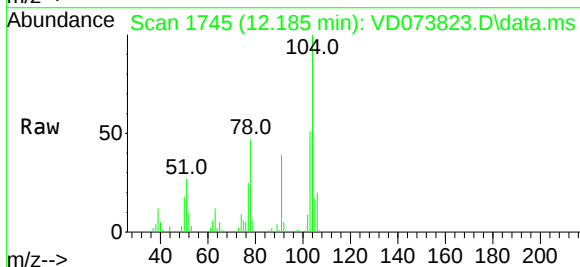
Manual Integrations
APPROVED

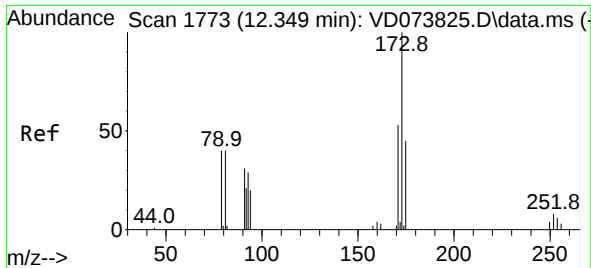
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022



#70
Styrene
Concen: 8.854 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD073823.D
Acq: 11 Jul 2022 12:09

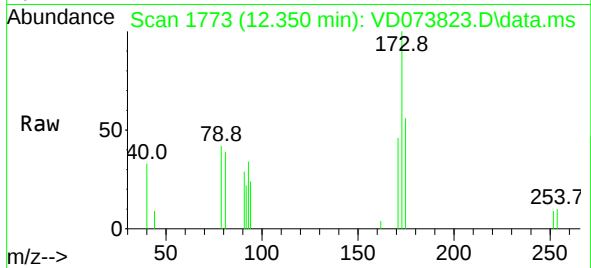
Tgt Ion:104 Resp: 38688
Ion Ratio Lower Upper
104 100
78 52.3 42.8 64.2
103 56.3 44.5 66.7





#71
Bromoform
Concen: 8.632 ug/l
RT: 12.350 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD073823.D
Acq: 11 Jul 2022 12:09

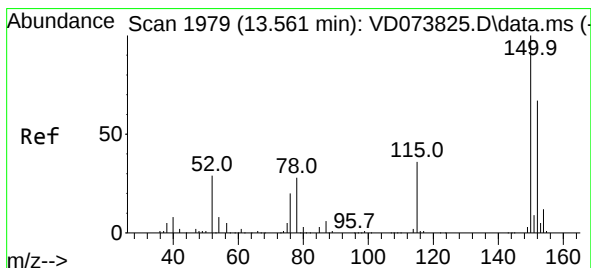
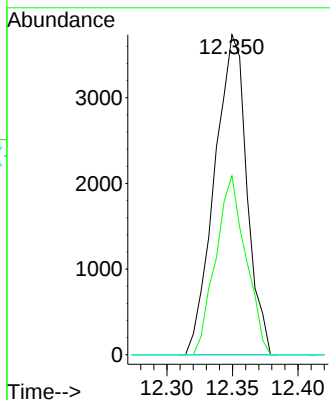
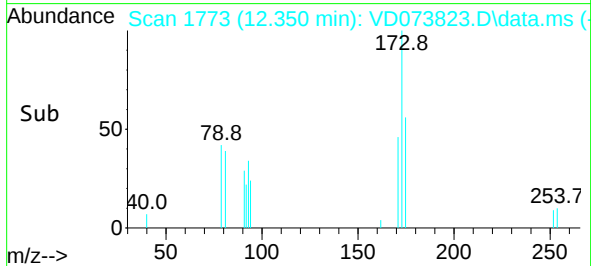
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



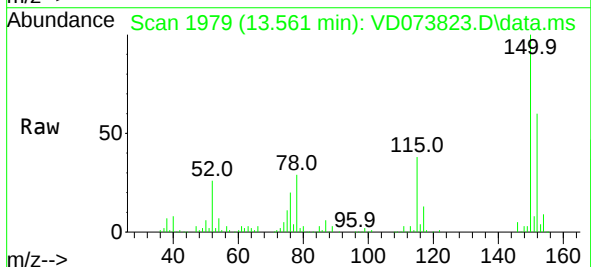
Tgt Ion:173 Resp: 6402
Ion Ratio Lower Upper
173 100
175 52.0 23.4 70.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

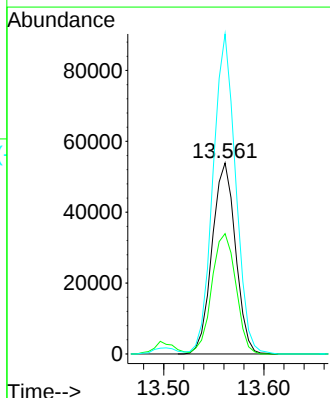
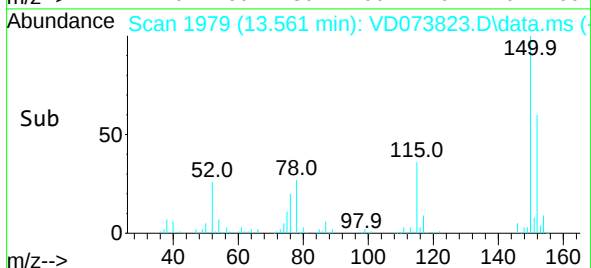
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022

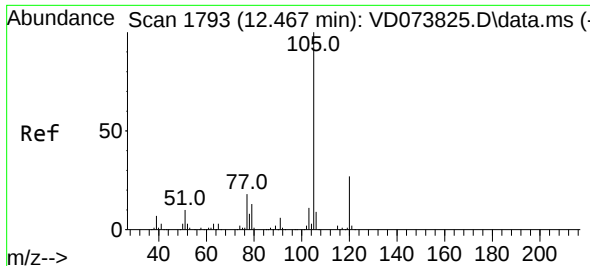


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073823.D
Acq: 11 Jul 2022 12:09



Tgt Ion:152 Resp: 87366
Ion Ratio Lower Upper
152 100
115 64.8 33.5 100.5
150 162.3 0.0 343.2





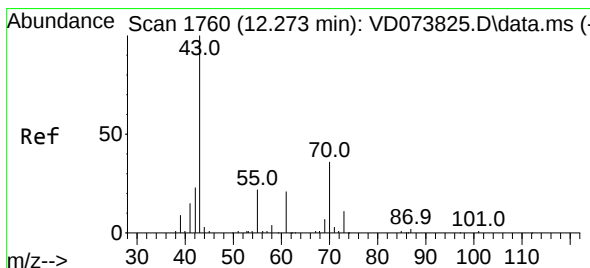
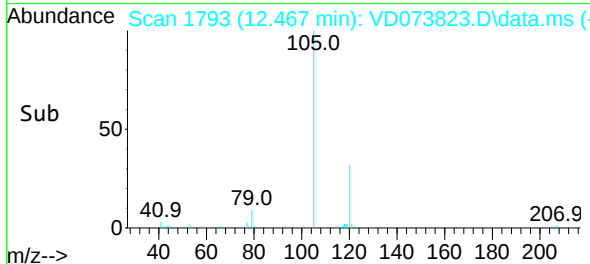
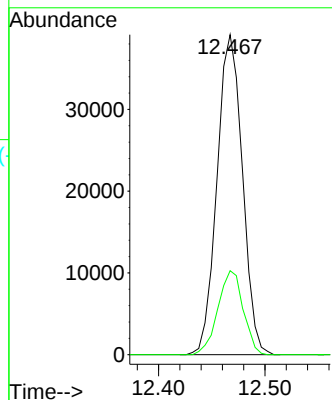
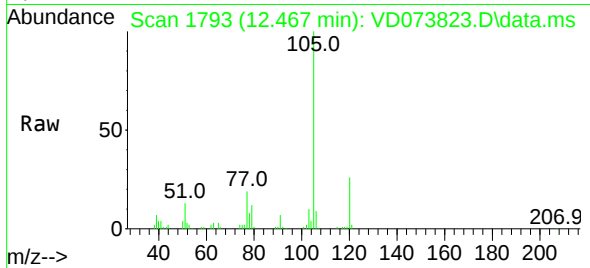
#73
Isopropylbenzene
Concen: 9.750 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD073823.D
Acq: 11 Jul 2022 12:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

Tgt Ion:105 Resp: 64773
Ion Ratio Lower Upper
105 100
120 26.1 13.2 39.5

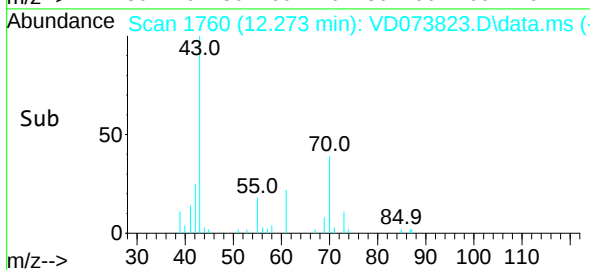
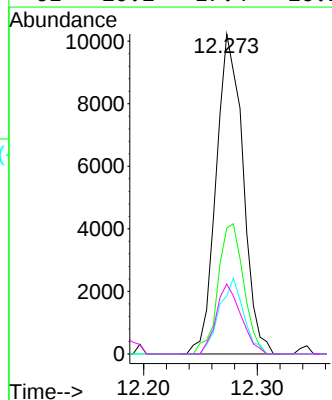
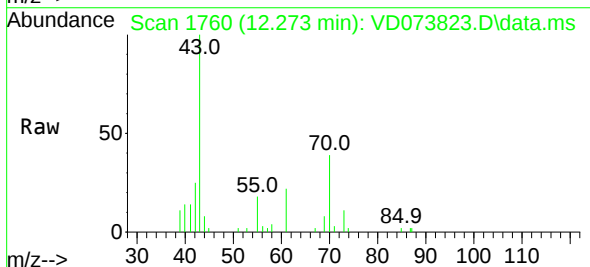
Manual Integrations
APPROVED

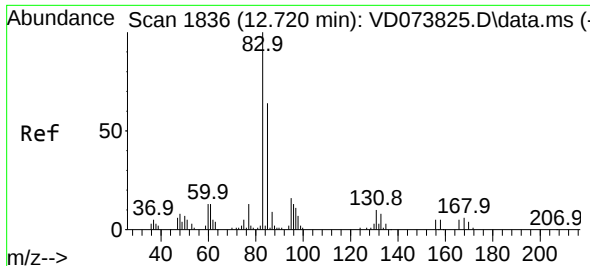
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022



#74
N-ethyl acetate
Concen: 9.002 ug/l
RT: 12.273 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VD073823.D
Acq: 11 Jul 2022 12:09

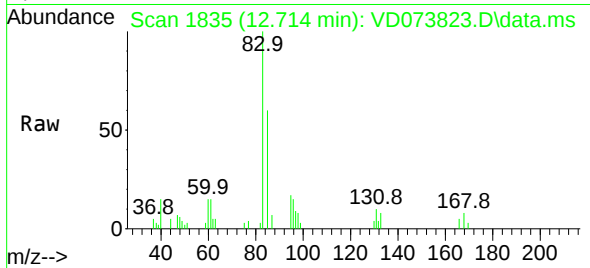
Tgt Ion: 43 Resp: 16781
Ion Ratio Lower Upper
43 100
70 38.7 30.0 45.0
55 21.4 17.4 26.0
61 20.2 17.4 26.2





#75
1,1,2,2-Tetrachloroethane
Concen: 9.816 ug/l
RT: 12.714 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VD073823.D
Acq: 11 Jul 2022 12:09

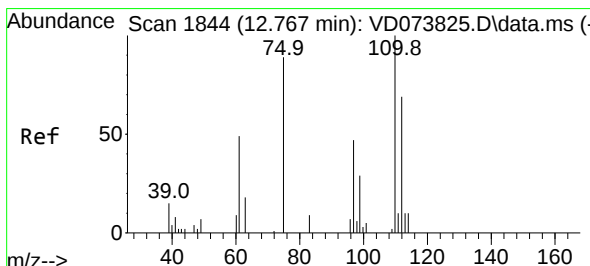
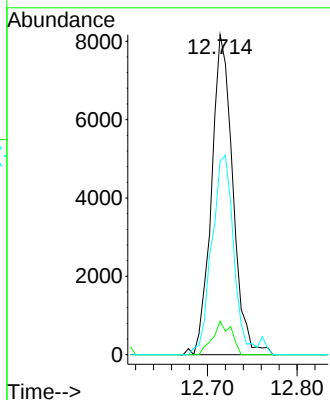
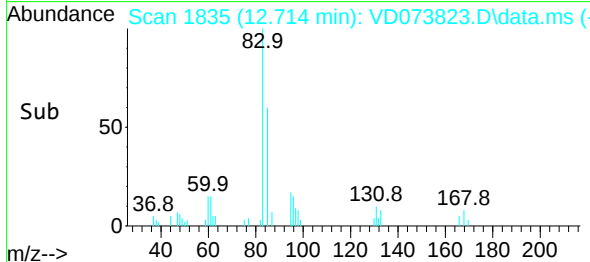
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



Tgt Ion: 83 Resp: 13484
Ion Ratio Lower Upper
83 100
131 9.1 5.1 15.2
85 64.0 32.5 97.4

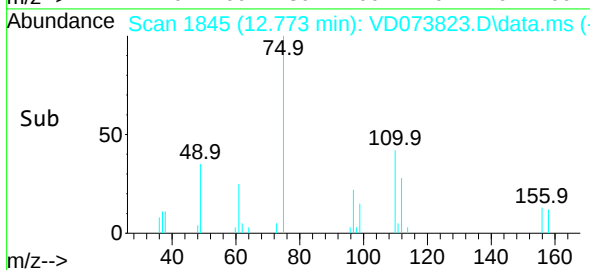
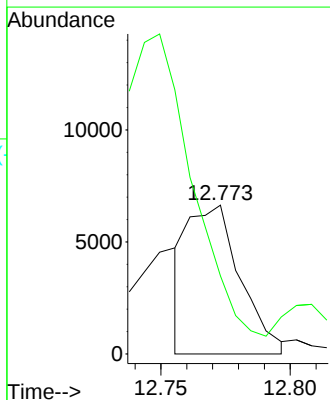
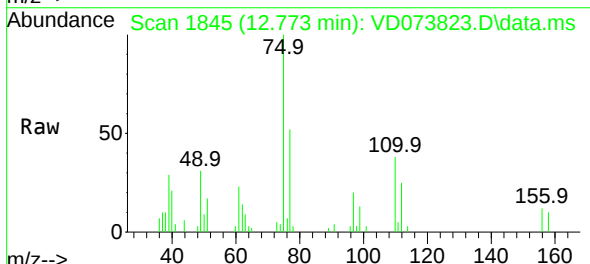
Manual Integrations
APPROVED

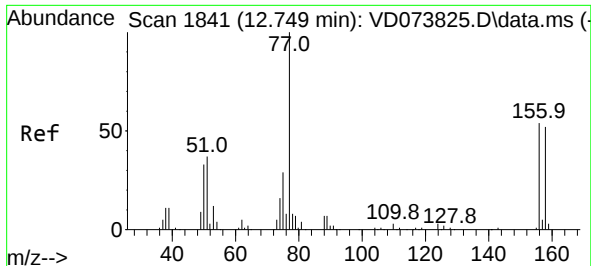
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022



#76
1,2,3-Trichloropropane
Concen: 9.601 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VD073823.D
Acq: 11 Jul 2022 12:09

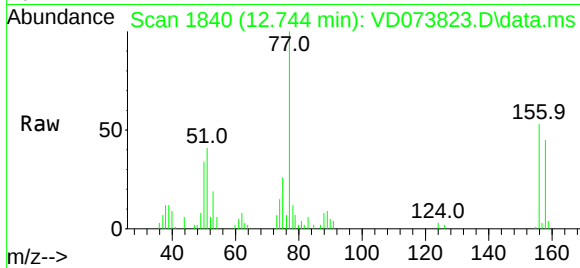
Tgt Ion: 75 Resp: 9428
Ion Ratio Lower Upper
75 100
77 0.0 138.0 414.0#





#77
Bromobenzene
Concen: 9.413 ug/l
RT: 12.744 min Scan# 1841
Delta R.T. -0.006 min
Lab File: VD073823.D
Acq: 11 Jul 2022 12:09

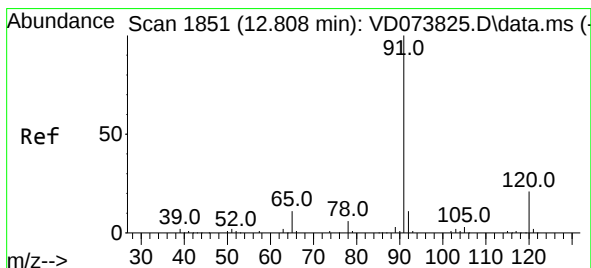
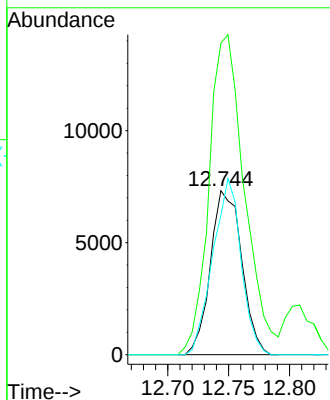
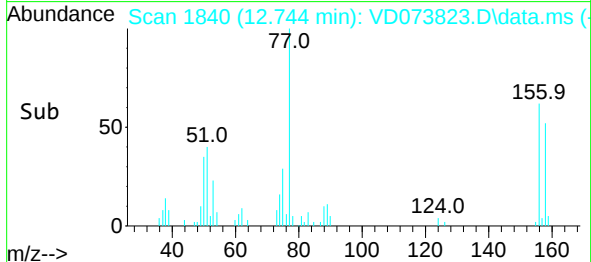
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



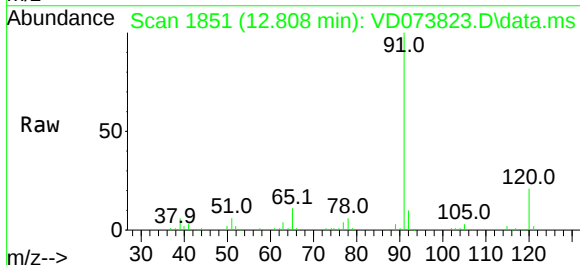
Tgt Ion:156 Resp: 13064
Ion Ratio Lower Upper
156 100
77 221.3 110.1 330.3
158 97.4 48.3 144.9

Manual Integrations
APPROVED

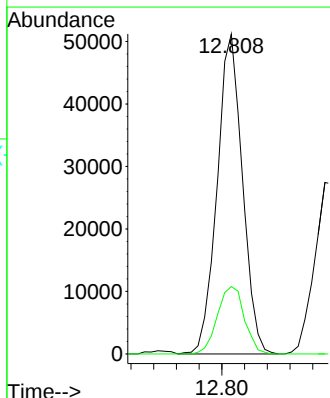
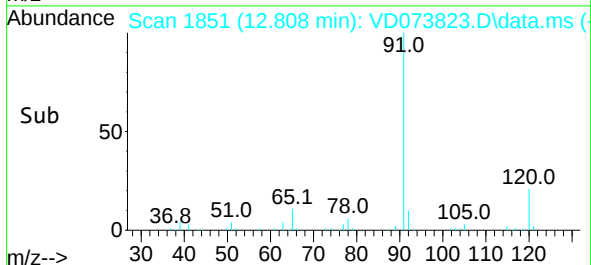
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022

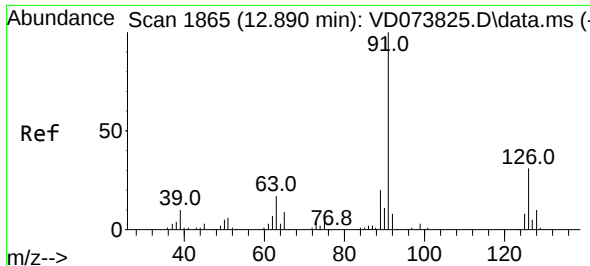


#78
n-propylbenzene
Concen: 9.457 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073823.D
Acq: 11 Jul 2022 12:09



Tgt Ion: 91 Resp: 79233
Ion Ratio Lower Upper
91 100
120 22.4 10.5 31.6





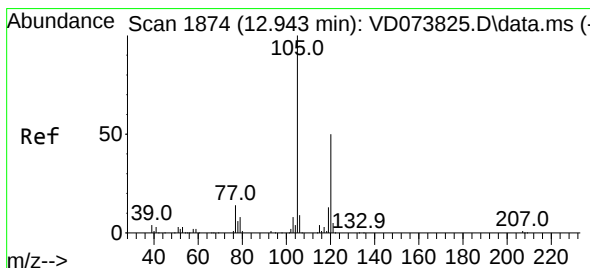
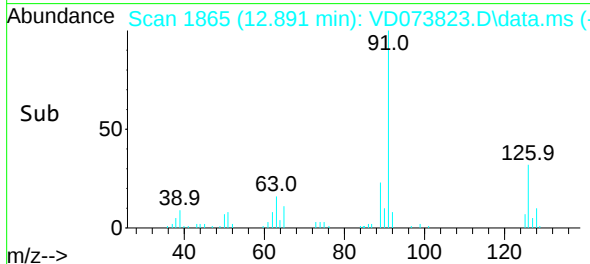
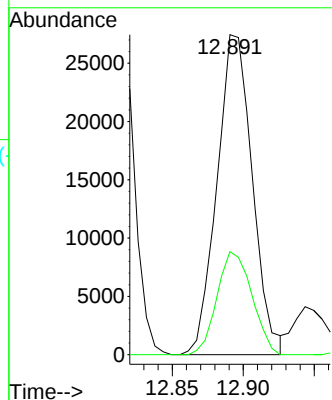
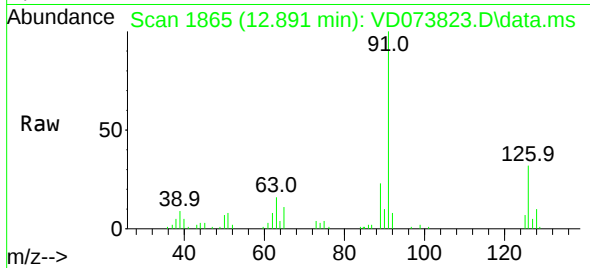
#79
2-Chlorotoluene
Concen: 10.045 ug/l
RT: 12.891 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VD073823.D
Acq: 11 Jul 2022 12:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

Tgt Ion: 91 Resp: 47540
Ion Ratio Lower Upper
91 100
126 31.7 15.9 47.7

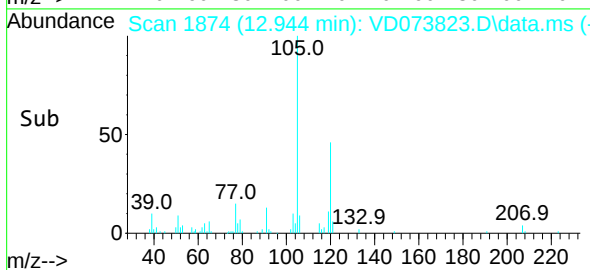
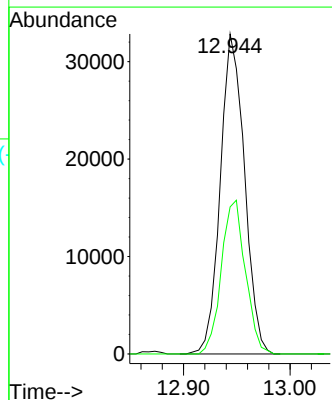
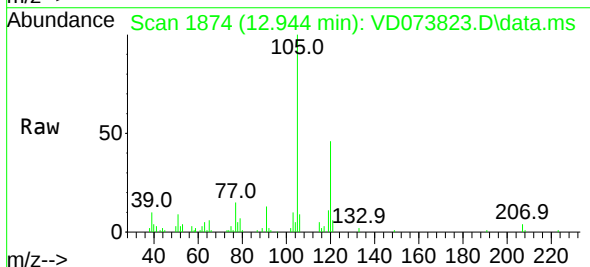
Manual Integrations
APPROVED

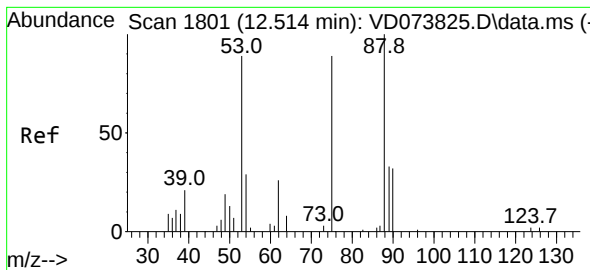
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022



#80
1,3,5-Trimethylbenzene
Concen: 9.280 ug/l
RT: 12.944 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VD073823.D
Acq: 11 Jul 2022 12:09

Tgt Ion:105 Resp: 51699
Ion Ratio Lower Upper
105 100
120 47.8 24.1 72.4





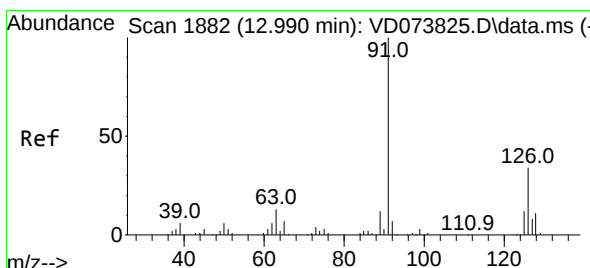
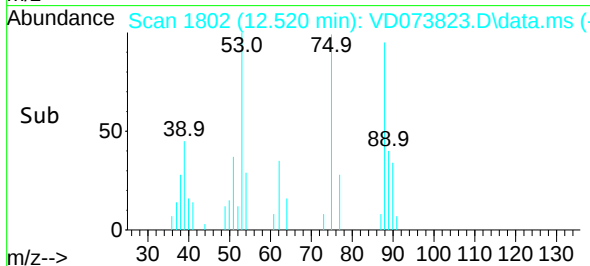
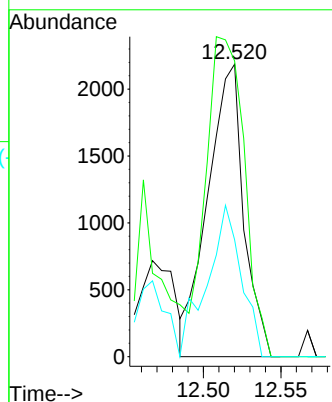
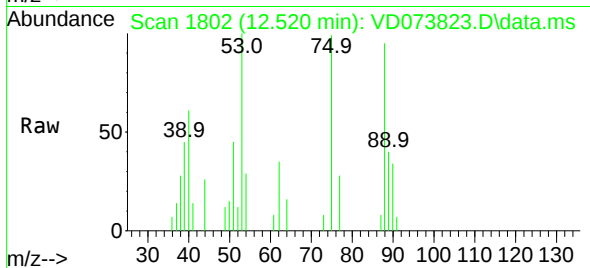
#81
trans-1,4-Dichloro-2-butene
Concen: 8.432 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.006 min
Lab File: VD073823.D
Acq: 11 Jul 2022 12:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion: 75 Resp: 352
Ion Ratio Lower Upper
75 100
53 116.1 79.3 118.9
89 49.4 34.8 52.2

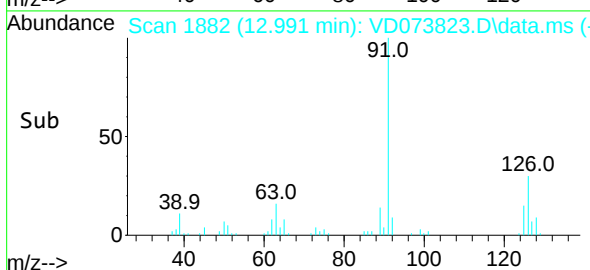
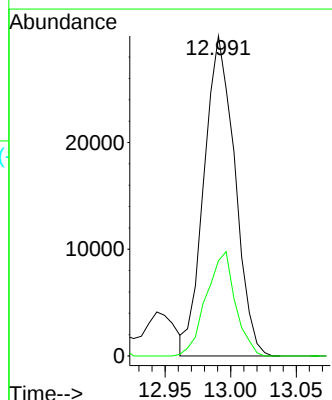
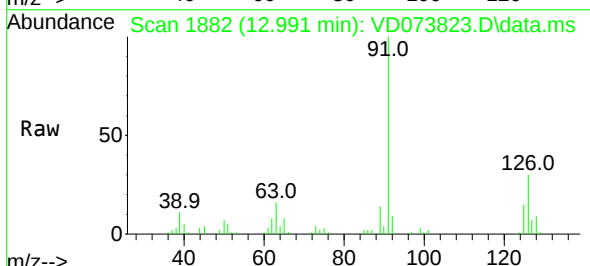
Manual Integrations
APPROVED

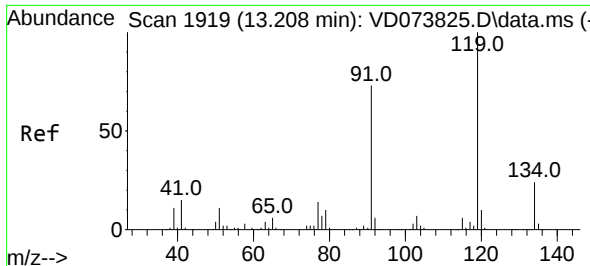
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022



#82
4-Chlorotoluene
Concen: 9.844 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VD073823.D
Acq: 11 Jul 2022 12:09

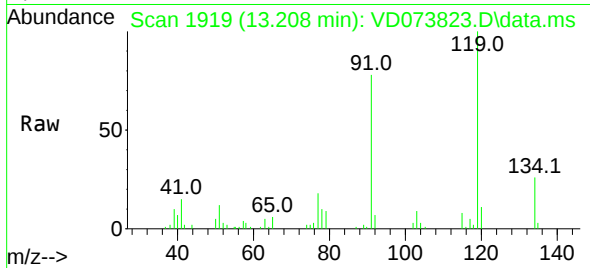
Tgt Ion: 91 Resp: 48951
Ion Ratio Lower Upper
91 100
126 30.8 16.2 48.5





#83
tert-Butylbenzene
Concen: 9.092 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD073823.D
Acq: 11 Jul 2022 12:09

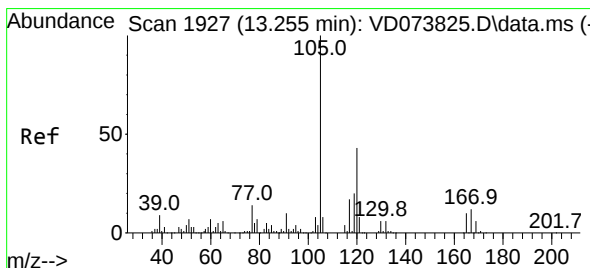
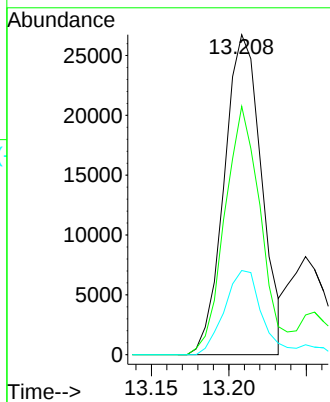
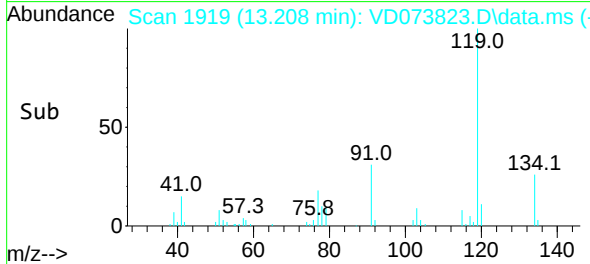
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



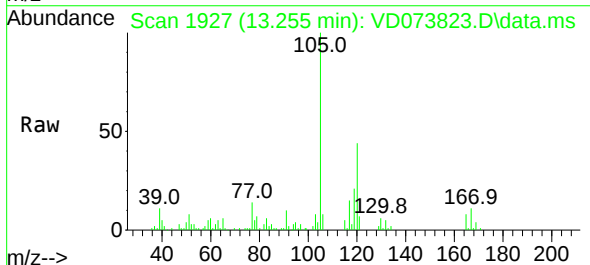
Tgt Ion:119 Resp: 44742
Ion Ratio Lower Upper
119 100
91 74.7 36.0 108.0
134 26.3 13.1 39.1

Manual Integrations
APPROVED

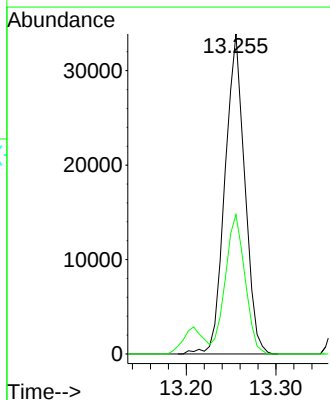
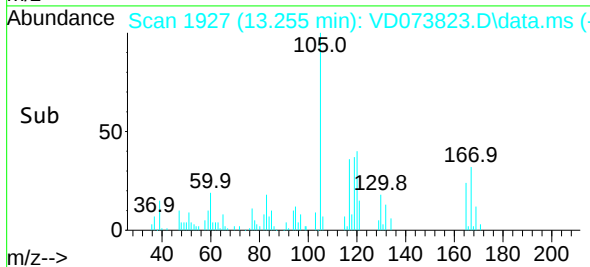
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022

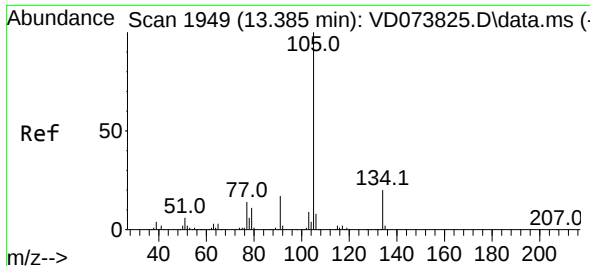


#84
1,2,4-Trimethylbenzene
Concen: 9.398 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD073823.D
Acq: 11 Jul 2022 12:09



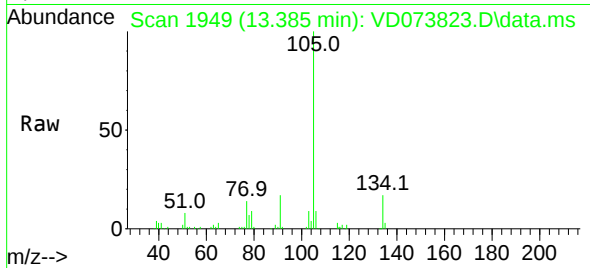
Tgt Ion:105 Resp: 51857
Ion Ratio Lower Upper
105 100
120 43.2 21.9 65.5





#85
 sec-Butylbenzene
 Concen: 9.581 ug/l
 RT: 13.385 min Scan# 1949
 Delta R.T. 0.000 min
 Lab File: VD073823.D
 Acq: 11 Jul 2022 12:09

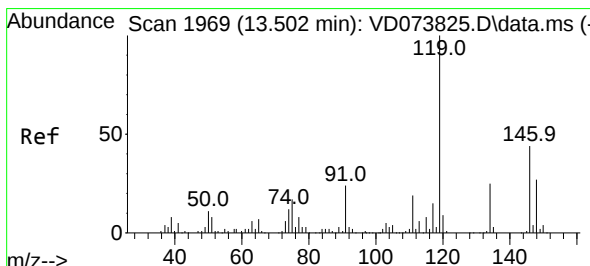
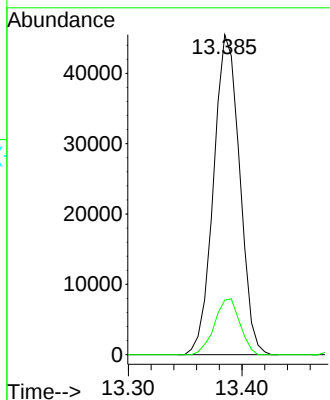
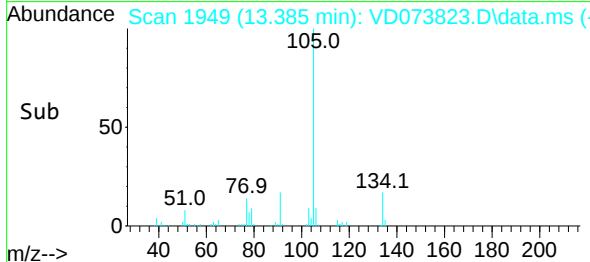
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010



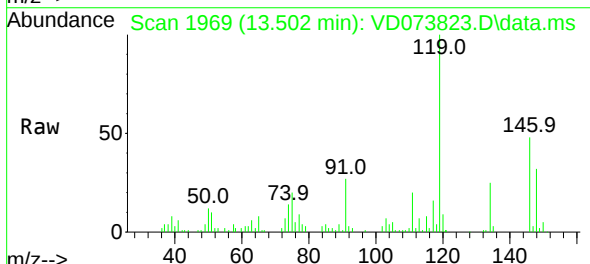
Tgt Ion:105 Resp: 72608
 Ion Ratio Lower Upper
 105 100
 134 17.0 9.8 29.3

Manual Integrations
 APPROVED

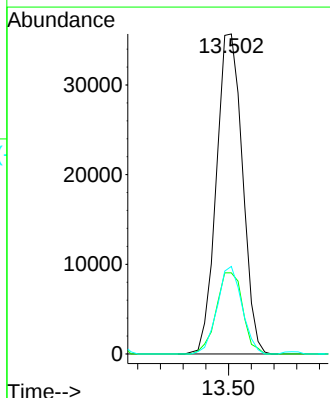
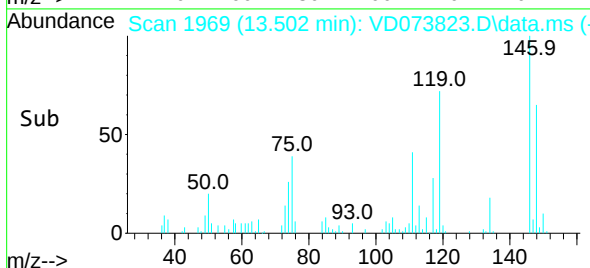
Reviewed By :John Carlone 07/12/2022
 Supervised By :Mahesh Dadoda 07/12/2022

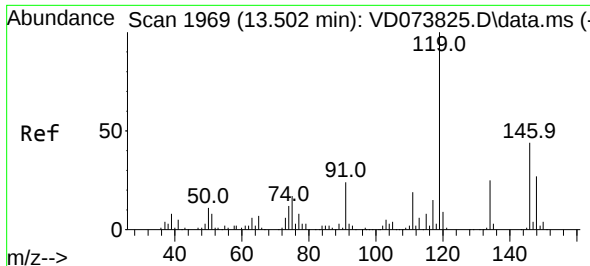


#86
 p-Isopropyltoluene
 Concen: 9.405 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073823.D
 Acq: 11 Jul 2022 12:09



Tgt Ion:119 Resp: 56928
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.6 37.8
 91 25.9 13.0 38.9





#87

1,3-Dichlorobenzene

Concen: 9.719 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD073823.D

Acq: 11 Jul 2022 12:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

Tgt Ion:146 Resp: 2830

Ion Ratio Lower Upper

146 100

111 41.2 21.8 65.4

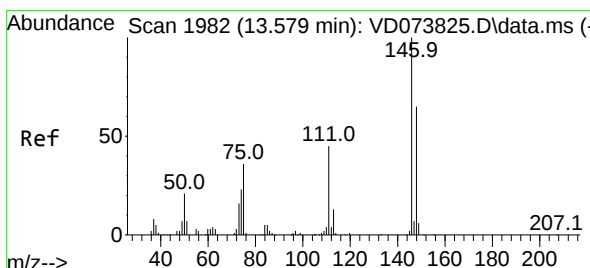
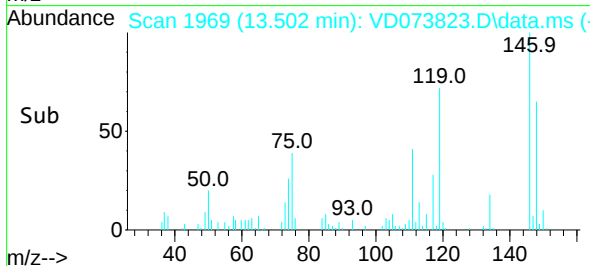
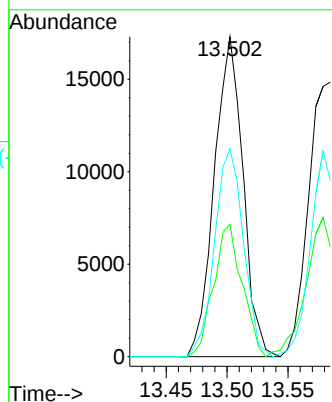
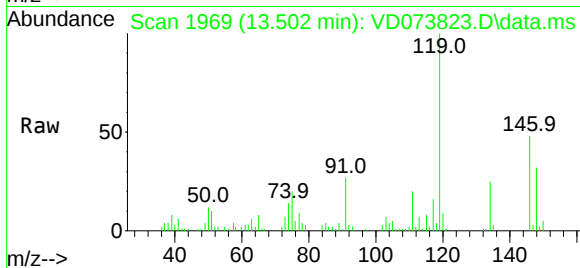
148 65.4 31.6 94.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/12/2022

Supervised By :Mahesh Dadoda 07/12/2022



#88

1,4-Dichlorobenzene

Concen: 9.282 ug/l

RT: 13.585 min Scan# 1983

Delta R.T. 0.006 min

Lab File: VD073823.D

Acq: 11 Jul 2022 12:09

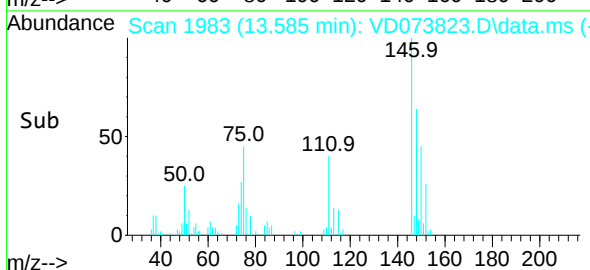
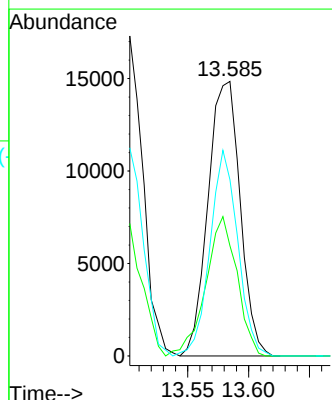
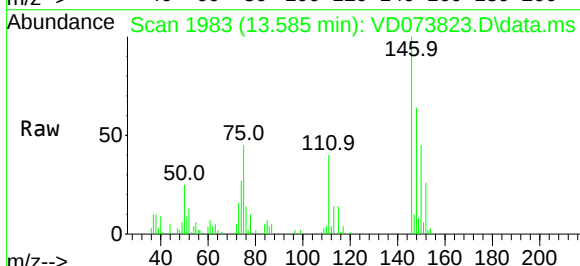
Tgt Ion:146 Resp: 27278

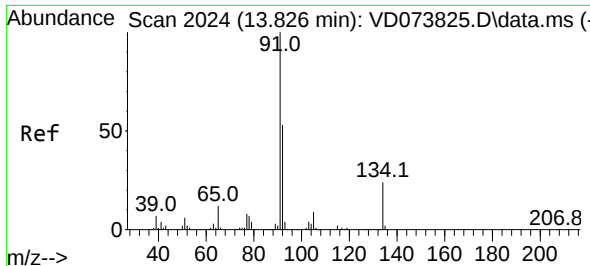
Ion Ratio Lower Upper

146 100

111 49.3 21.9 65.7

148 64.9 32.4 97.0





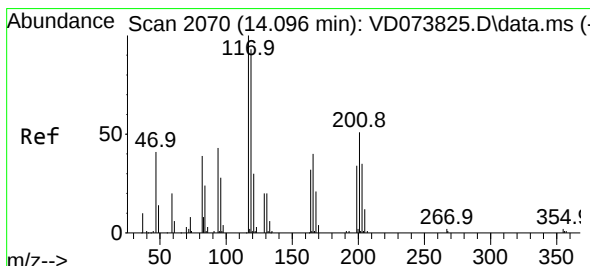
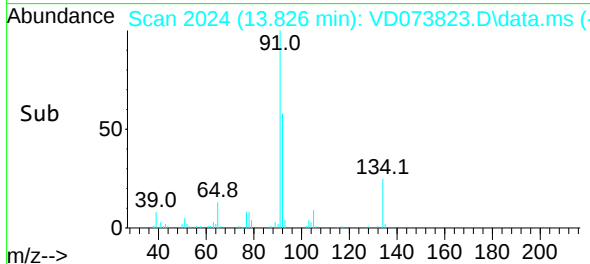
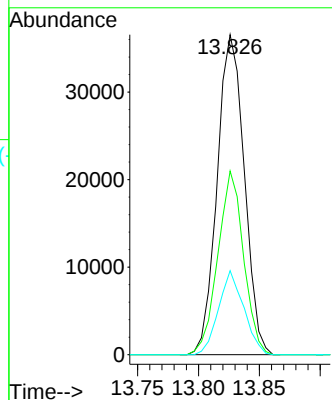
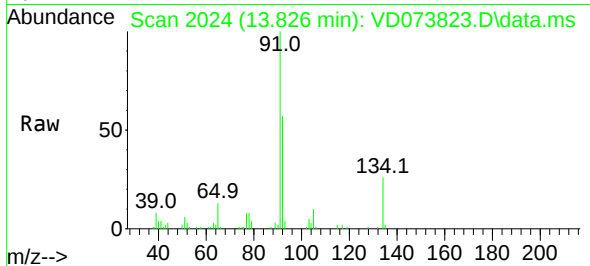
#89
n-Butylbenzene
Concen: 9.263 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. 0.000 min
Lab File: VD073823.D
Acq: 11 Jul 2022 12:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 56698
Ion Ratio Lower Upper
91 100
92 54.5 26.7 80.1
134 24.4 11.6 34.7

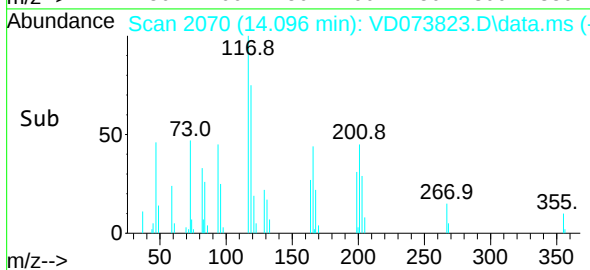
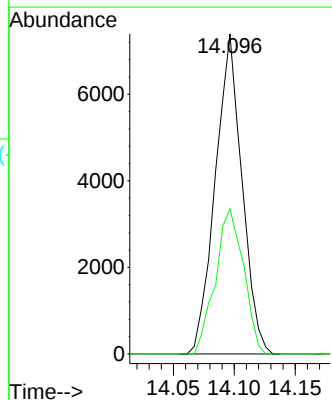
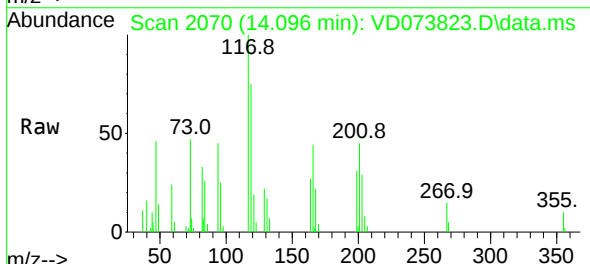
Manual Integrations
APPROVED

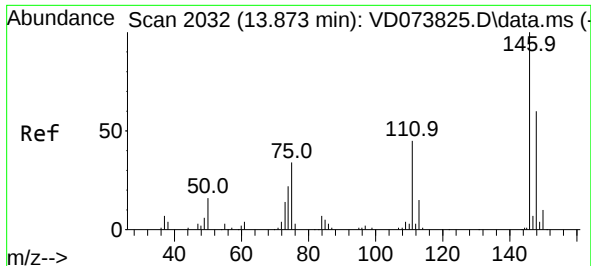
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022



#90
Hexachloroethane
Concen: 9.330 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD073823.D
Acq: 11 Jul 2022 12:09

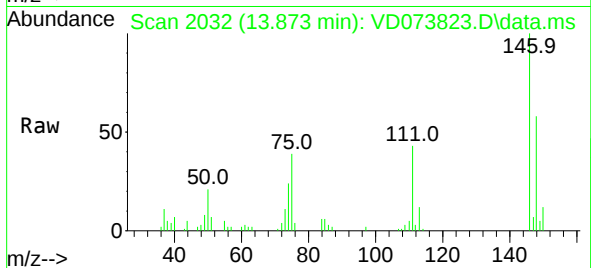
Tgt Ion:117 Resp: 11268
Ion Ratio Lower Upper
117 100
201 47.8 26.7 80.0





#91
1,2-Dichlorobenzene
Concen: 9.491 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD073823.D
Acq: 11 Jul 2022 12:09

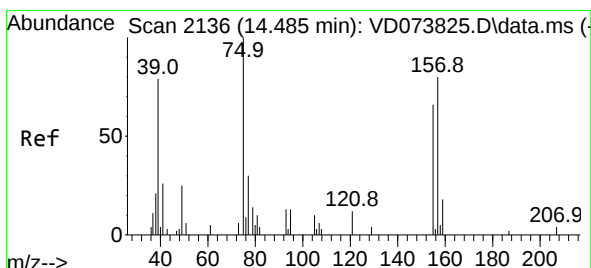
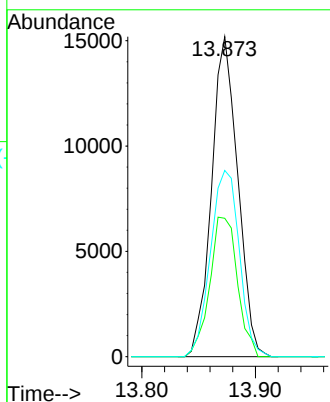
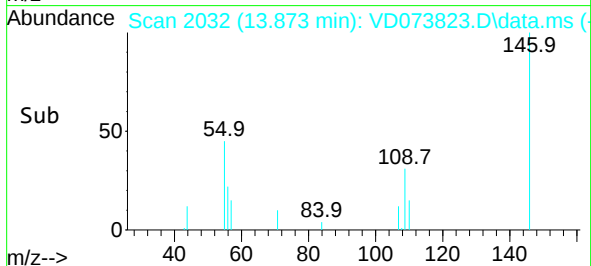
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



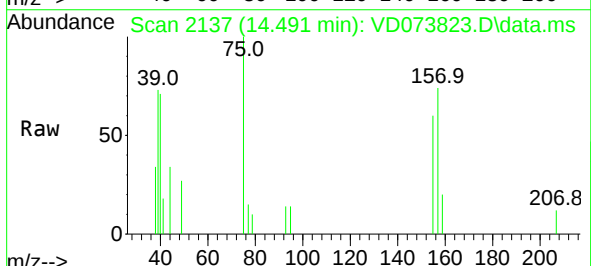
Tgt Ion:146 Resp: 24409
Ion Ratio Lower Upper
146 100
111 46.0 22.8 68.4
148 63.9 30.6 91.6

Manual Integrations
APPROVED

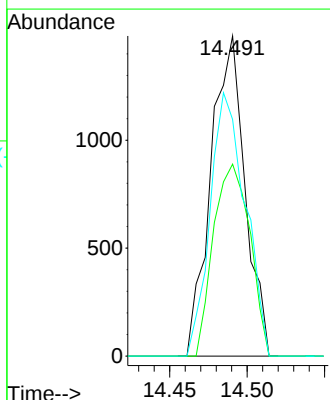
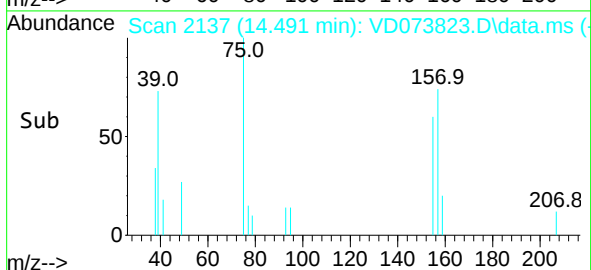
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022

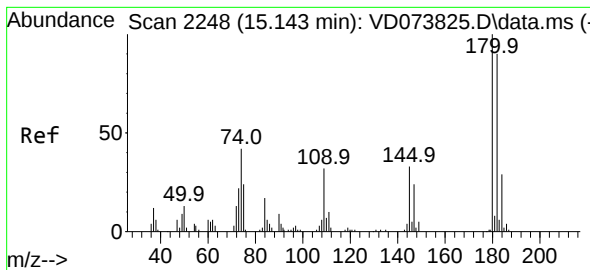


#92
1,2-Dibromo-3-Chloropropane
Concen: 10.017 ug/l
RT: 14.491 min Scan# 2137
Delta R.T. 0.006 min
Lab File: VD073823.D
Acq: 11 Jul 2022 12:09



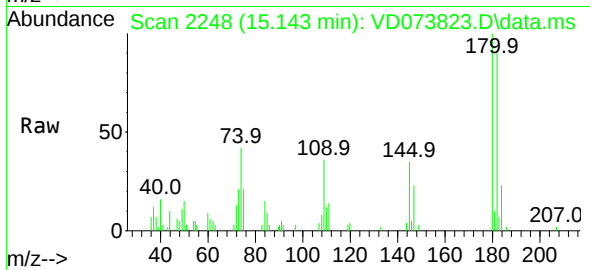
Tgt Ion: 75 Resp: 2272
Ion Ratio Lower Upper
75 100
155 63.8 35.7 107.1
157 84.7 46.7 140.1





#93
1,2,4-Trichlorobenzene
Concen: 10.092 ug/l
RT: 15.143 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD073823.D
Acq: 11 Jul 2022 12:09

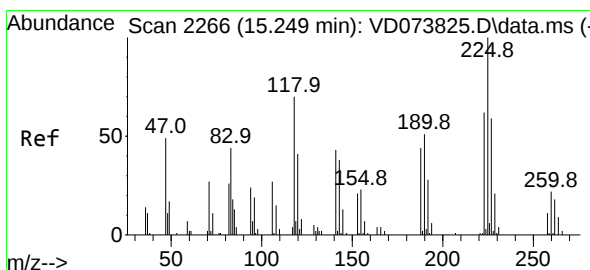
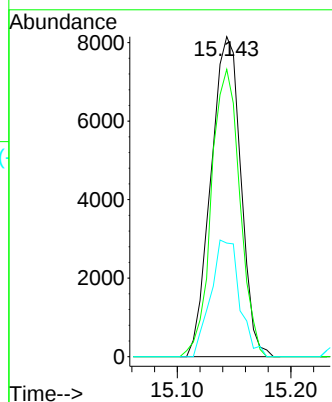
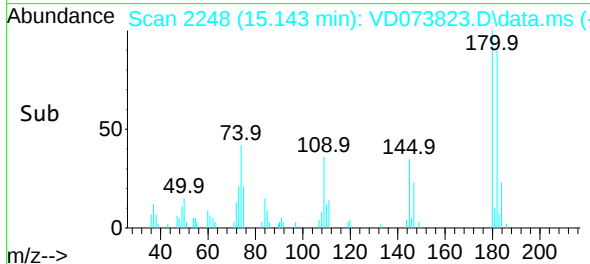
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



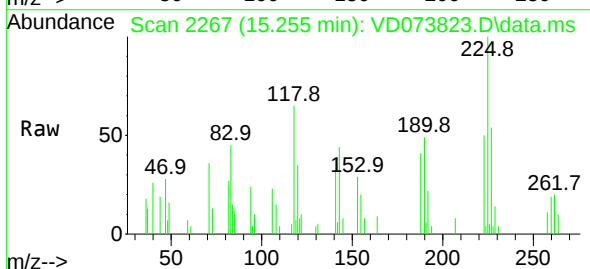
Tgt Ion:180 Resp: 1492
Ion Ratio Lower Upper
180 100
182 85.5 46.9 140.8
145 35.2 17.0 51.0

Manual Integrations
APPROVED

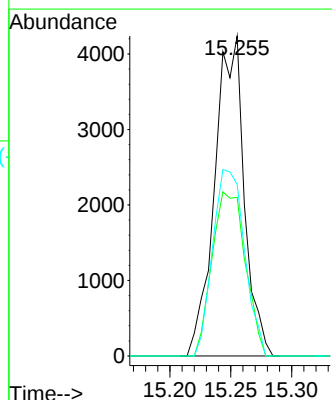
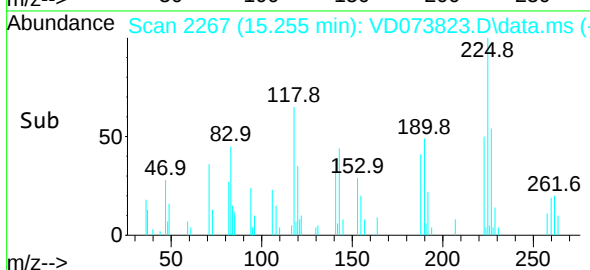
Reviewed By :John Carlone 07/12/2022
Supervised By :Mahesh Dadoda 07/12/2022

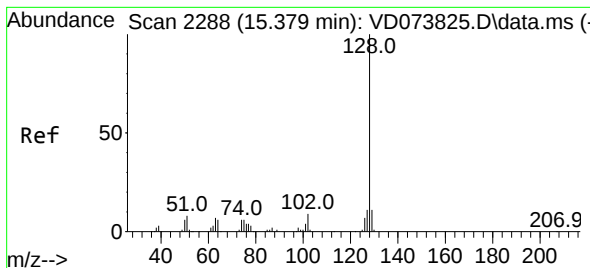


#94
Hexachlorobutadiene
Concen: 10.012 ug/l
RT: 15.255 min Scan# 2267
Delta R.T. 0.006 min
Lab File: VD073823.D
Acq: 11 Jul 2022 12:09



Tgt Ion:225 Resp: 7145
Ion Ratio Lower Upper
225 100
223 57.7 31.8 95.3
227 62.7 31.4 94.2





#95

Naphthalene

Concen: 9.340 ug/l

RT: 15.385 min Scan# 21

Delta R.T. 0.006 min

Lab File: VD073823.D

Acq: 11 Jul 2022 12:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

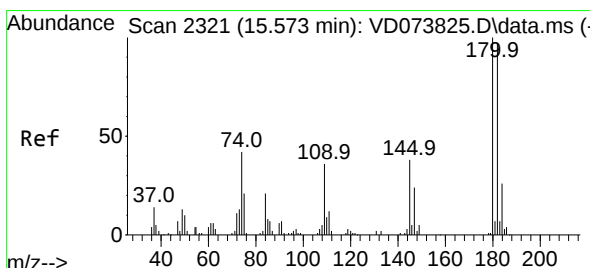
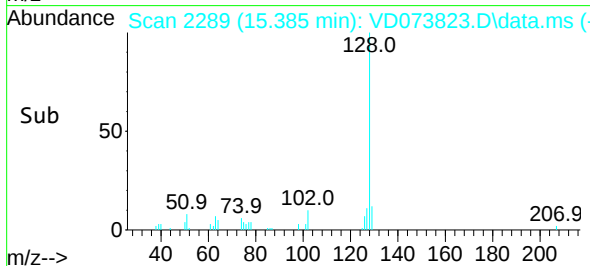
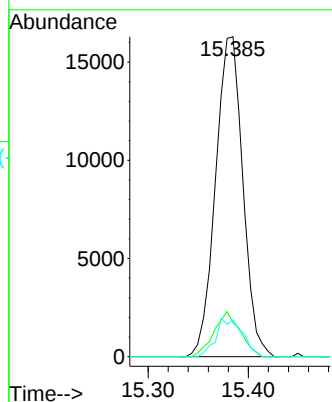
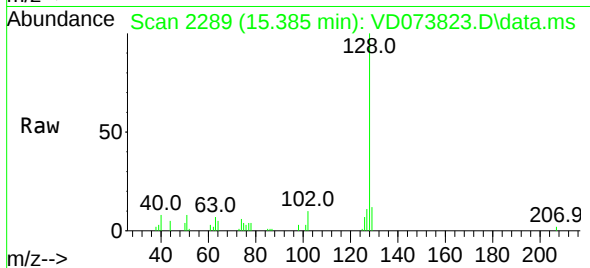
Tgt Ion:128	Resp:	30800
Ion Ratio	Lower	Upper
128	100	
127	13.6	10.3 15.5
129	11.6	8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/12/2022

Supervised By :Mahesh Dadoda 07/12/2022



#96

1,2,3-Trichlorobenzene

Concen: 9.400 ug/l

RT: 15.573 min Scan# 2321

Delta R.T. 0.000 min

Lab File: VD073823.D

Acq: 11 Jul 2022 12:09

Tgt Ion:180	Resp:	12214
Ion Ratio	Lower	Upper
180	100	
182	103.6	47.4 142.3
145	36.4	18.9 56.9

