

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070622\
 Data File : VD073797.D
 Acq On : 06 Jul 2022 17:47
 Operator : VA/SY
 Sample : VSTDICC010
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

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

Quant Time: Jul 07 04:59:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D070622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 07 04:53:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	112175	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	218581	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	199904	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	89174	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	16016	14.168	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	28.340%#		
35) Dibromofluoromethane	7.908	113	15118	12.574	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	25.140%#		
50) Toluene-d8	10.326	98	53454	12.232	ug/l	0.00
Spiked Amount 50.000	Range 78 - 12		Recovery =	24.460%#		
62) 4-Bromofluorobenzene	12.620	95	20638	11.889	ug/l	0.00
Spiked Amount 50.000	Range 50 - 14		Recovery =	23.780%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	8721	12.567	ug/l	91
3) Chloromethane	2.203	50	12397	15.342	ug/l	95
4) Vinyl Chloride	2.338	62	14066	15.343	ug/l	97
5) Bromomethane	2.750	94	11475	17.551	ug/l	98
6) Chloroethane	2.915	64	10461	15.472	ug/l	97
7) Trichlorofluoromethane	3.262	101	21373	13.078	ug/l	87
8) Diethyl Ether	3.703	74	6298	11.540	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.073	101	13032	12.168	ug/l	97
10) Methyl Iodide	4.291	142	7729	10.259	ug/l	95
11) Tert butyl alcohol	5.173	59	32688	116.267	ug/l #	93
12) 1,1-Dichloroethene	4.050	96	10282	11.222	ug/l	89
13) Acrolein	3.915	56	3448	82.871	ug/l	90
14) Allyl chloride	4.697	41	18026	11.282	ug/l	95
15) Acrylonitrile	5.420	53	16924	56.240	ug/l	94
16) Acetone	4.156	43	17785	75.959	ug/l	99
17) Carbon Disulfide	4.397	76	18131	12.581	ug/l #	95
18) Methyl Acetate	4.720	43	9952	10.979	ug/l #	77
19) Methyl tert-butyl Ether	5.479	73	37204	12.261	ug/l	93
20) Methylene Chloride	4.950	84	40183	26.829	ug/l	92
21) trans-1,2-Dichloroethene	5.467	96	12534	12.064	ug/l	87
22) Diisopropyl ether	6.356	45	47287	11.654	ug/l #	95
23) Vinyl Acetate	6.297	43	125095m	60.309	ug/l	
24) 1,1-Dichloroethane	6.250	63	27406	12.088	ug/l	99
25) 2-Butanone	7.203	43	23141	59.308	ug/l	98
26) 2,2-Dichloropropane	7.191	77	25440	12.284	ug/l	98
27) cis-1,2-Dichloroethene	7.208	96	16674	11.777	ug/l	98
28) Bromochloromethane	7.538	49	9604	11.074	ug/l #	92
29) Tetrahydrofuran	7.556	42	14275	58.618	ug/l	97
30) Chloroform	7.697	83	29895	12.341	ug/l	90
31) Cyclohexane	7.979	56	20891	11.974	ug/l #	91
32) 1,1,1-Trichloroethane	7.891	97	24313	11.525	ug/l	92
36) 1,1-Dichloropropene	8.103	75	18972	11.467	ug/l	97
37) Ethyl Acetate	7.285	43	10569	11.845	ug/l #	91
38) Carbon Tetrachloride	8.091	117	20032	11.141	ug/l	91
39) Methylcyclohexane	9.344	83	19148	10.316	ug/l	98
40) Benzene	8.344	78	54359	11.051	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	5148	9.185	ug/l	94
42) 1,2-Dichloroethane	8.420	62	18809	12.366	ug/l	99
43) Isopropyl Acetate	8.450	43	21384	11.245	ug/l	98
44) Trichloroethene	9.102	130	14113	10.901	ug/l	83
45) 1,2-Dichloropropane	9.379	63	14994	10.626	ug/l	97
46) Dibromomethane	9.467	93	8811	11.801	ug/l	99
47) Bromodichloromethane	9.650	83	23273	11.508	ug/l	97
48) Methyl methacrylate	9.444	41	9797	11.522	ug/l	96
49) 1,4-Dioxane	9.455	88	2102	209.013	ug/l #	85
51) 4-Methyl-2-Pentanone	10.220	43	56228	57.697	ug/l	96
52) Toluene	10.397	92	35303	10.758	ug/l	100
53) t-1,3-Dichloropropene	10.608	75	21214	10.746	ug/l	98
54) cis-1,3-Dichloropropene	10.079	75	24424	10.998	ug/l	95
55) 1,1,2-Trichloroethane	10.791	97	11546	10.402	ug/l #	91
56) Ethyl methacrylate	10.649	69	14837	10.121	ug/l	93
57) 1,3-Dichloropropane	10.932	76	21134	11.288	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.932	63	29592	50.464	ug/l	100
59) 2-Hexanone	10.973	43	35427	53.541	ug/l	96
60) Dibromochloromethane	11.126	129	14567	10.755	ug/l	99
61) 1,2-Dibromoethane	11.238	107	11373	11.148	ug/l	90
64) Tetrachloroethene	10.867	164	11235	11.015	ug/l	89
65) Chlorobenzene	11.661	112	40685	10.958	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.732	131	15419	10.976	ug/l	98
67) Ethyl Benzene	11.732	91	72638	10.696	ug/l	97
68) m/p-Xylenes	11.838	106	53881	20.820	ug/l	99
69) o-Xylene	12.173	106	26501	10.486	ug/l	93
70) Styrene	12.179	104	45040	10.346	ug/l	98
71) Bromoform	12.344	173	7614	10.276	ug/l #	97
73) Isopropylbenzene	12.467	105	70822	10.444	ug/l	97
74) N-amyl acetate	12.273	43	19824	10.648	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	15165	11.084	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	10122m	11.943	ug/l	
77) Bromobenzene	12.743	156	15359	11.066	ug/l	97
78) n-propylbenzene	12.808	91	90001	10.622	ug/l	100
79) 2-Chlorotoluene	12.896	91	50349	10.589	ug/l	99
80) 1,3,5-Trimethylbenzene	12.943	105	60759	10.749	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.520	75	3970	8.996	ug/l	95
82) 4-Chlorotoluene	12.991	91	52555	10.615	ug/l	97
83) tert-Butylbenzene	13.208	119	52691	10.497	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	58596	10.508	ug/l	97
85) sec-Butylbenzene	13.385	105	80616	10.464	ug/l	99
86) p-Isopropyltoluene	13.502	119	64018	10.368	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	31060	10.684	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	31971	11.034	ug/l	96
89) n-Butylbenzene	13.826	91	66028	10.599	ug/l	99
90) Hexachloroethane	14.096	117	12743	10.323	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	27255	10.542	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.490	75	2390	10.443	ug/l	93
93) 1,2,4-Trichlorobenzene	15.143	180	16098	10.581	ug/l	99
94) Hexachlorobutadiene	15.249	225	7642	10.173	ug/l	96
95) Naphthalene	15.379	128	35035	10.310	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	13815	10.379	ug/l	95

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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

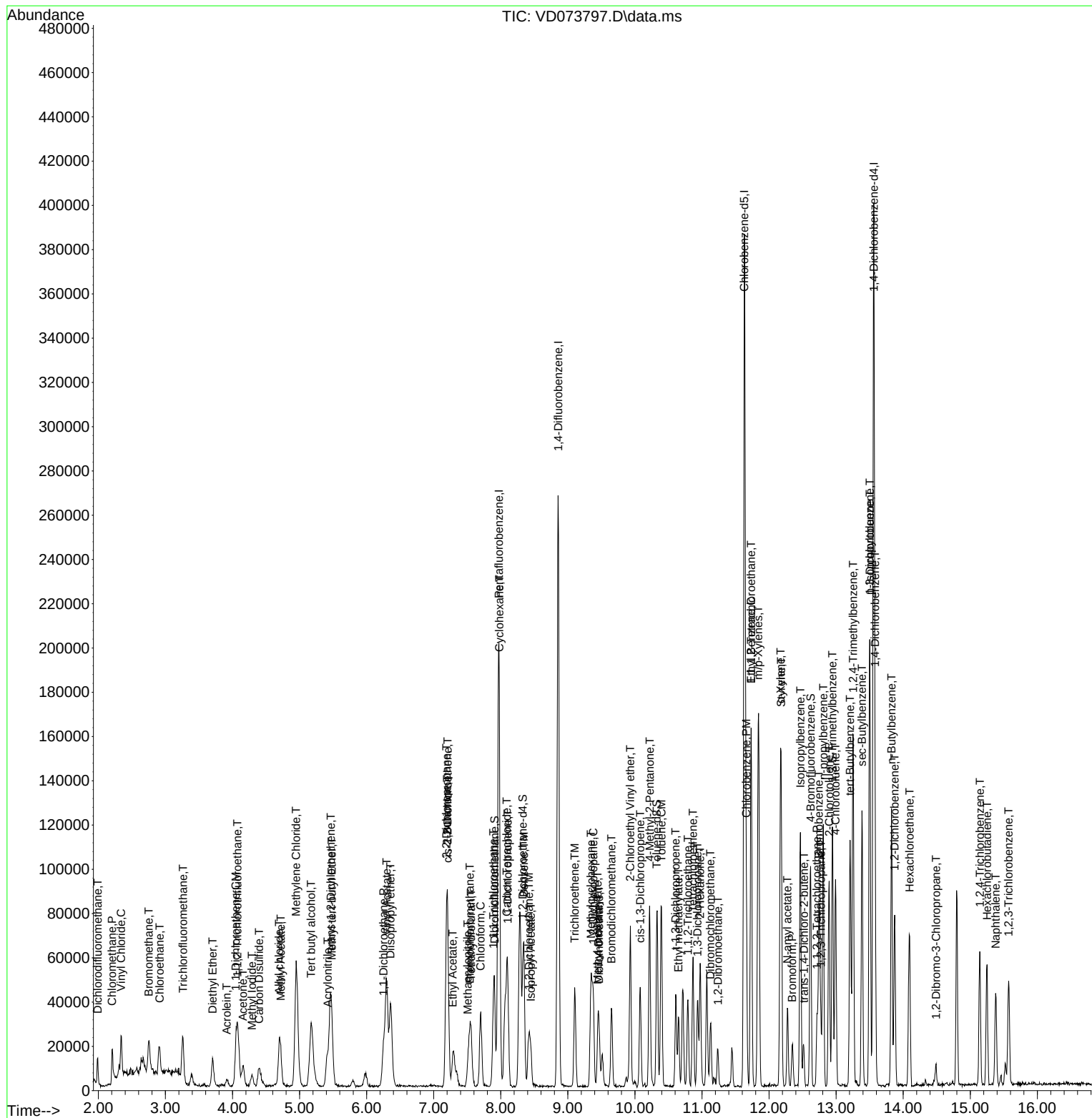
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070622\
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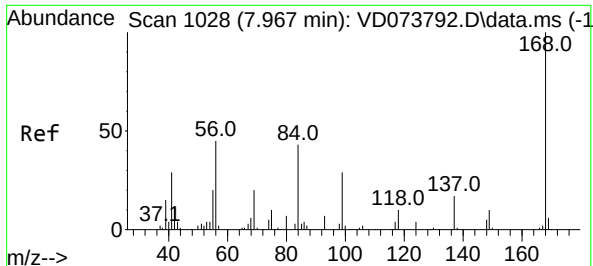
Instrument :
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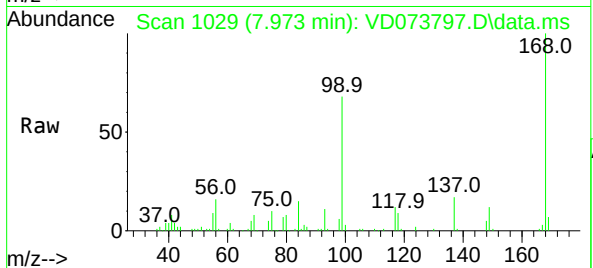
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1028
Delta R.T. 0.006 min
Lab File: VD073797.D
Acq: 06 Jul 2022 17:47

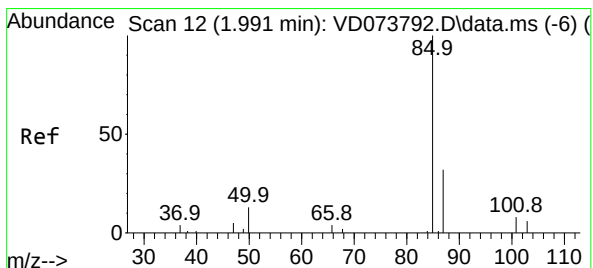
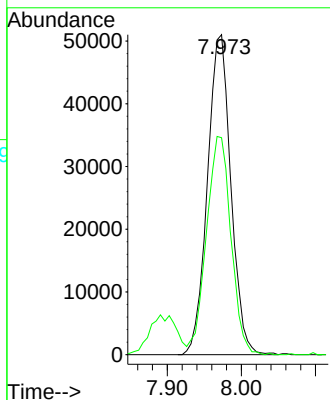
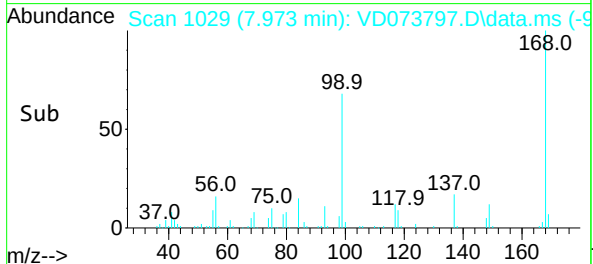
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



Tgt Ion:168 Resp: 112179
Ion Ratio Lower Upper
168 100
99 67.8 58.4 87.6

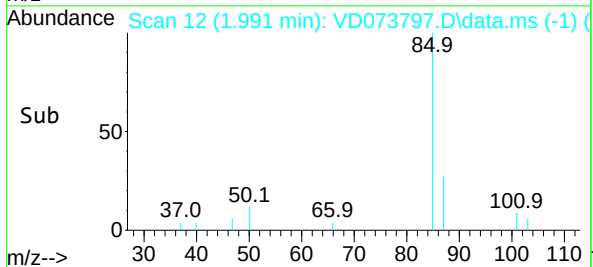
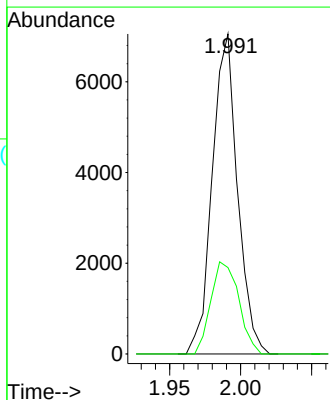
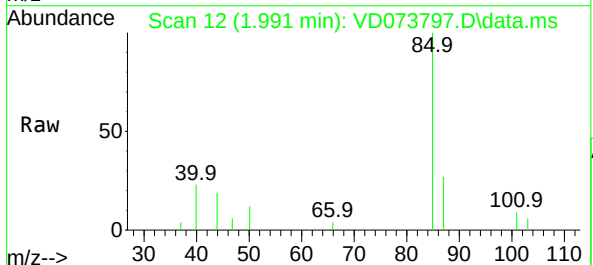
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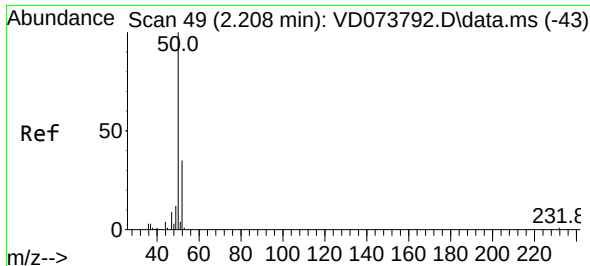
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#2
Dichlorodifluoromethane
Concen: 12.567 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073797.D
Acq: 06 Jul 2022 17:47

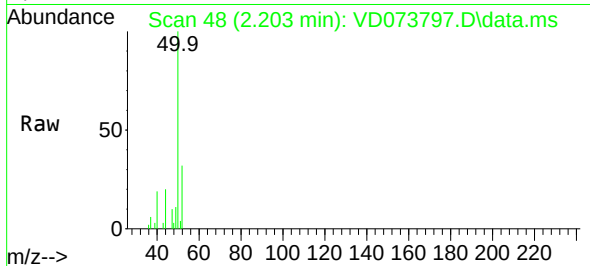
Tgt Ion: 85 Resp: 8721
Ion Ratio Lower Upper
85 100
87 27.0 16.2 48.5





#3
Chloromethane
Concen: 15.342 ug/l
RT: 2.203 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD073797.D
Acq: 06 Jul 2022 17:47

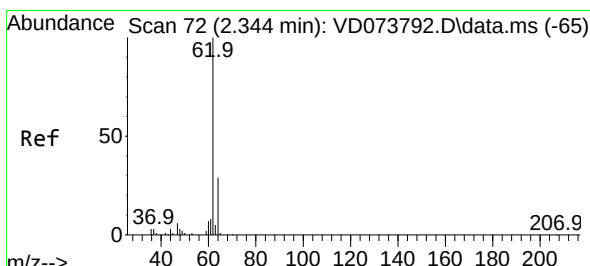
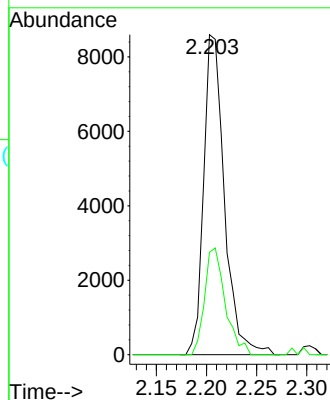
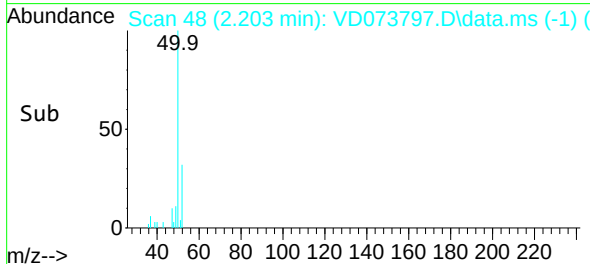
Instrument :
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Tgt Ion: 50 Resp: 1239
Ion Ratio Lower Upper
50 100
52 32.0 27.8 41.6

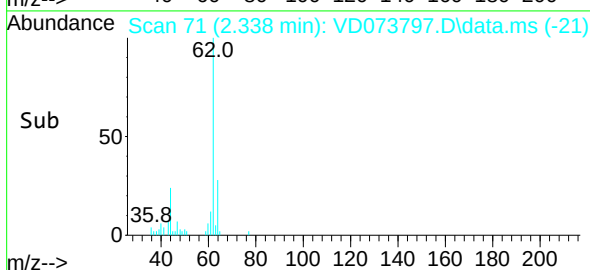
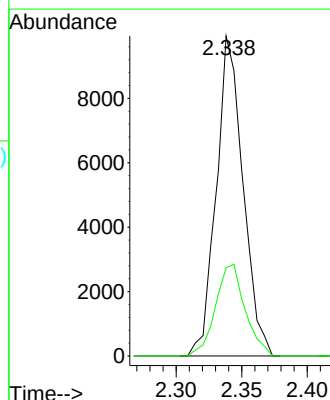
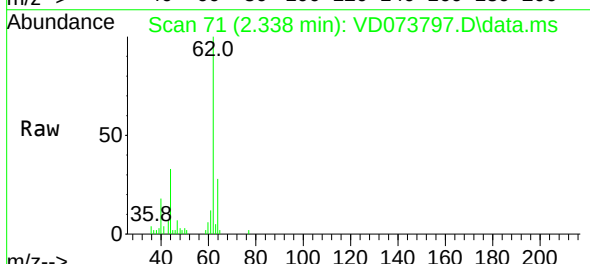
Manual Integrations
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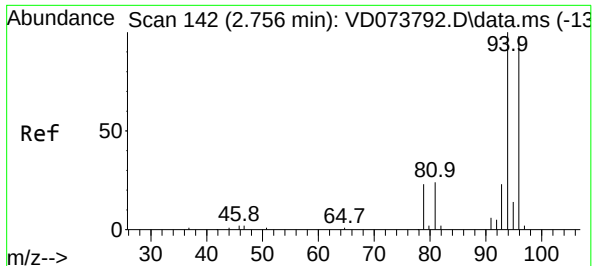
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#4
Vinyl Chloride
Concen: 15.343 ug/l
RT: 2.338 min Scan# 71
Delta R.T. -0.006 min
Lab File: VD073797.D
Acq: 06 Jul 2022 17:47

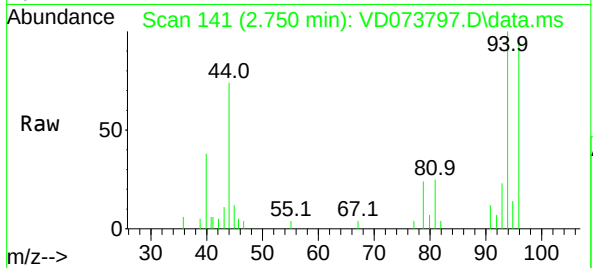
Tgt Ion: 62 Resp: 14066
Ion Ratio Lower Upper
62 100
64 27.5 23.4 35.2





#5
Bromomethane
Concen: 17.551 ug/l
RT: 2.750 min Scan# 142
Delta R.T. -0.006 min
Lab File: VD073797.D
Acq: 06 Jul 2022 17:47

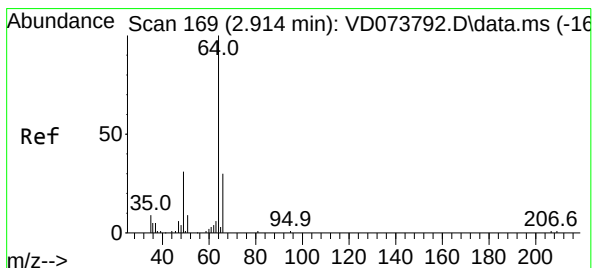
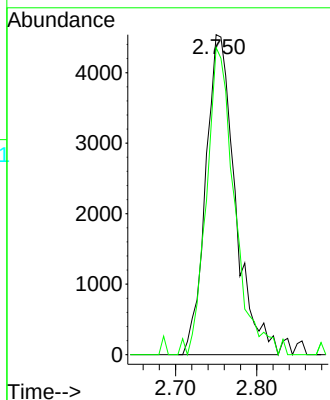
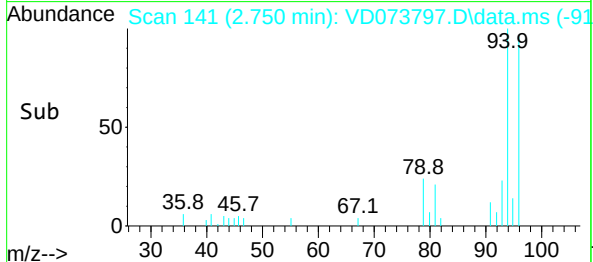
Instrument :
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Tgt Ion: 94 Resp: 11475
Ion Ratio Lower Upper
94 100
96 95.9 78.3 117.5

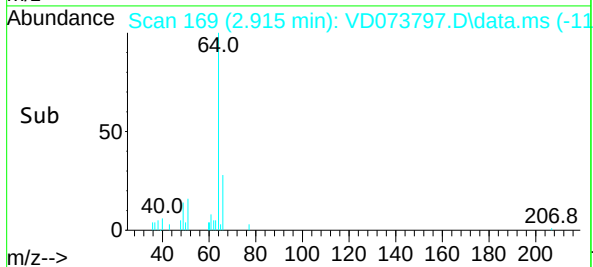
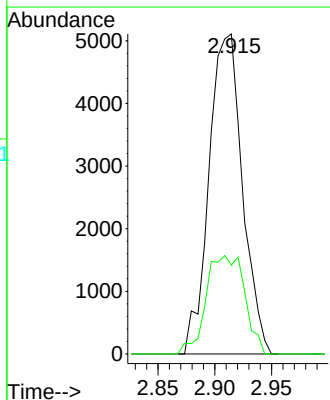
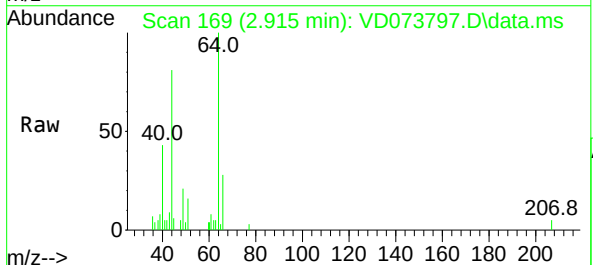
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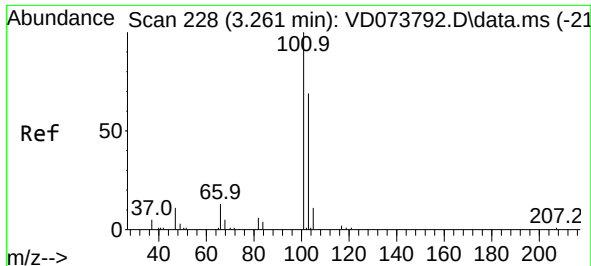
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#6
Chloroethane
Concen: 15.472 ug/l
RT: 2.915 min Scan# 169
Delta R.T. 0.000 min
Lab File: VD073797.D
Acq: 06 Jul 2022 17:47

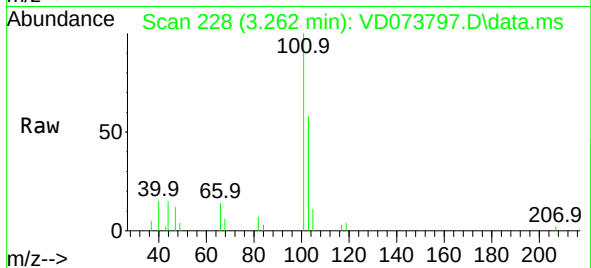
Tgt Ion: 64 Resp: 10461
Ion Ratio Lower Upper
64 100
66 27.8 23.7 35.5





#7
 Trichlorofluoromethane
 Concen: 13.078 ug/l
 RT: 3.262 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD073797.D
 Acq: 06 Jul 2022 17:47

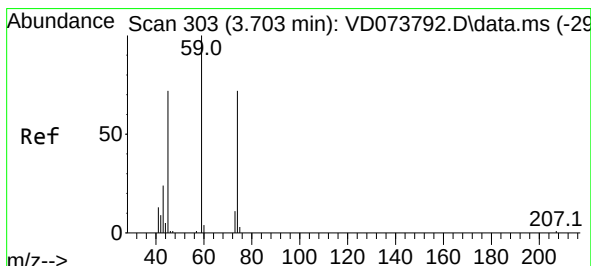
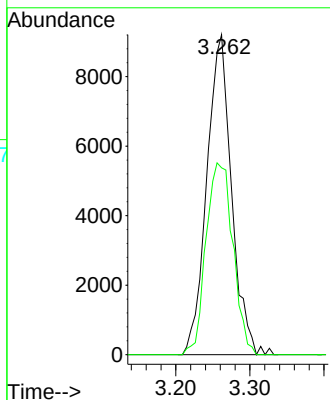
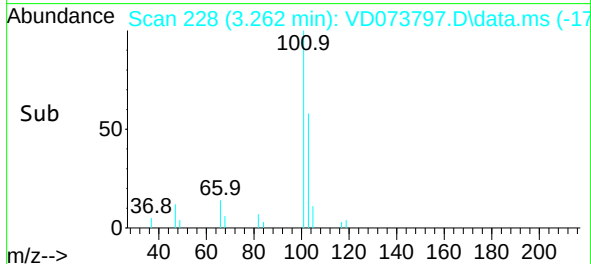
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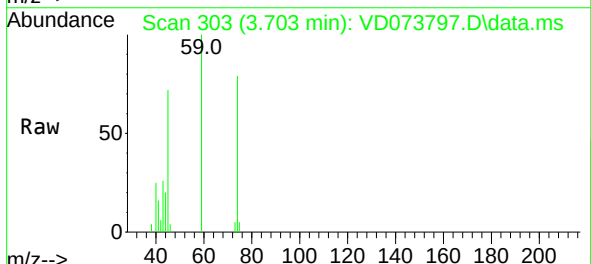
Tgt Ion:101 Resp: 2137
 Ion Ratio Lower Upper
 101 100
 103 58.4 55.4 83.2

Manual Integrations
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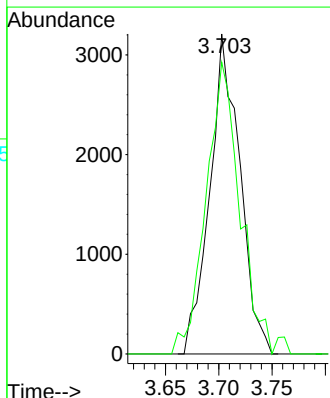
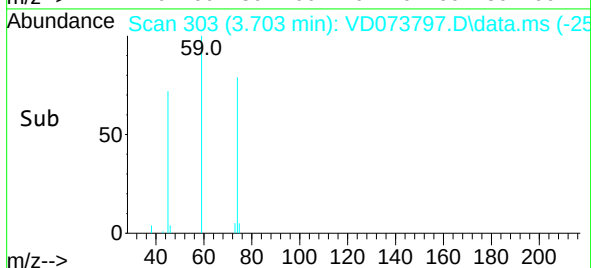
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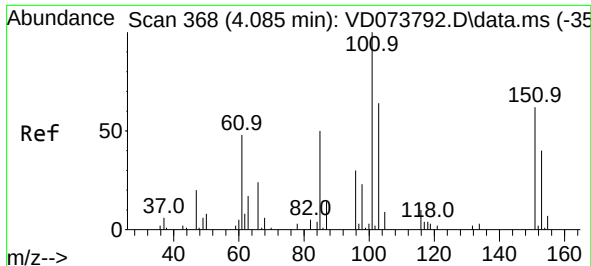


#8
 Diethyl Ether
 Concen: 11.540 ug/l
 RT: 3.703 min Scan# 303
 Delta R.T. 0.000 min
 Lab File: VD073797.D
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Tgt Ion: 74 Resp: 6298
 Ion Ratio Lower Upper
 74 100
 45 104.0 51.1 153.3





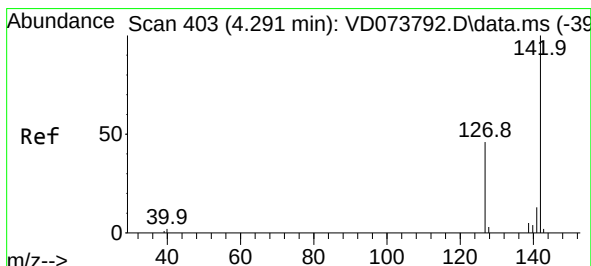
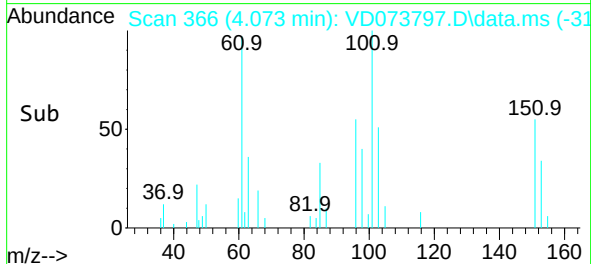
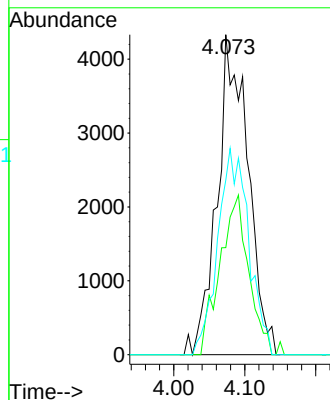
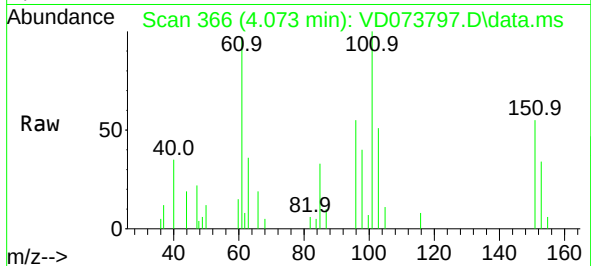
#9
1,1,2-Trichlorotrifluoroethane
Concen: 12.168 ug/l
RT: 4.073 min Scan# 30
Delta R.T. -0.012 min
Lab File: VD073797.D
Acq: 06 Jul 2022 17:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion:101 Resp: 1303
Ion Ratio Lower Upper
101 100
85 46.7 38.8 58.2
151 64.9 54.4 81.6

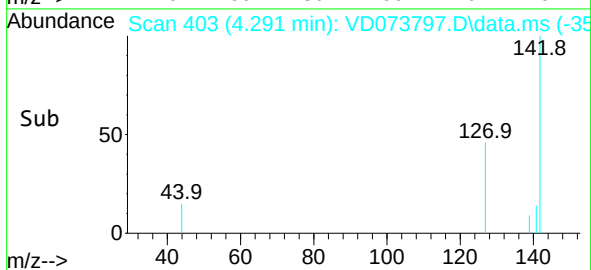
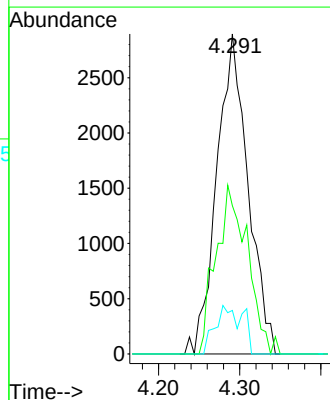
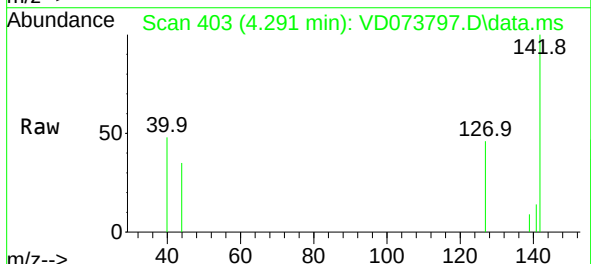
Manual Integrations
APPROVED

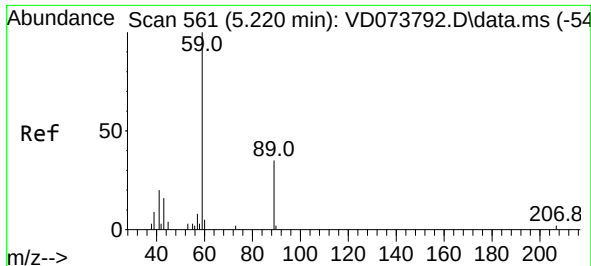
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#10
Methyl Iodide
Concen: 10.259 ug/l
RT: 4.291 min Scan# 403
Delta R.T. 0.000 min
Lab File: VD073797.D
Acq: 06 Jul 2022 17:47

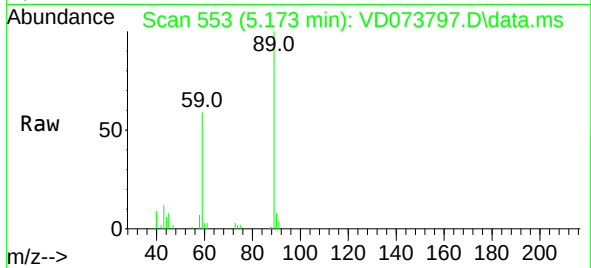
Tgt Ion:142 Resp: 7729
Ion Ratio Lower Upper
142 100
127 53.5 39.7 59.5
141 13.2 11.1 16.7





#11
Tert butyl alcohol
Concen: 116.267 ug/l
RT: 5.173 min Scan# 51
Delta R.T. -0.047 min
Lab File: VD073797.D
Acq: 06 Jul 2022 17:47

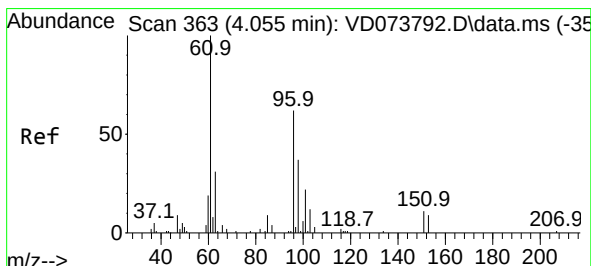
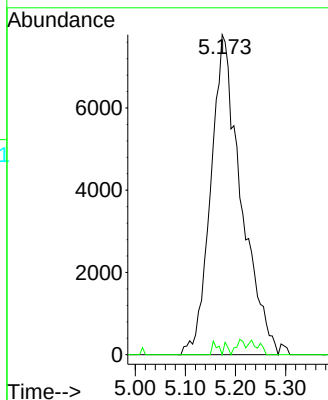
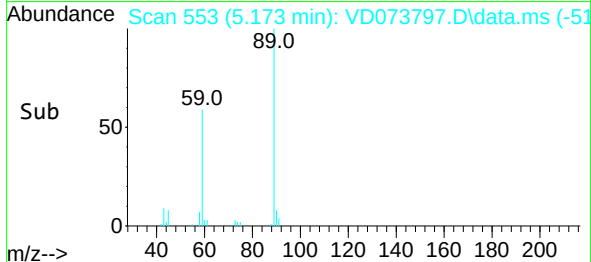
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



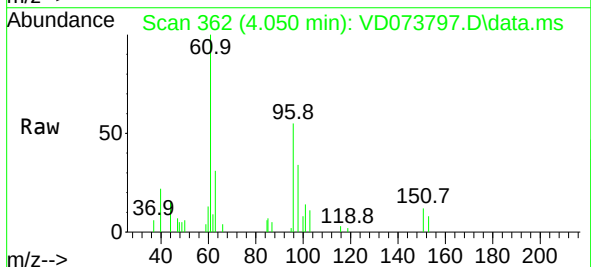
Tgt Ion: 59 Resp: 3268
Ion Ratio Lower Upper
59 100
57 0.8 2.4 3.6

Manual Integrations
APPROVED

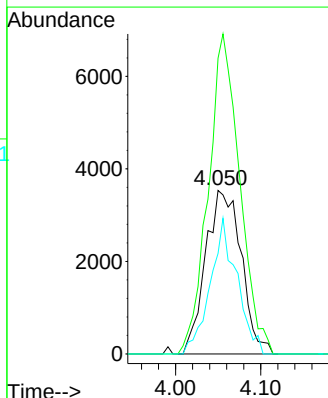
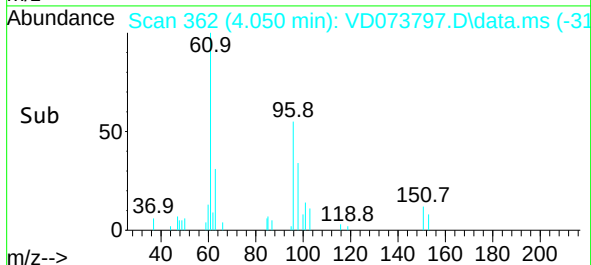
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

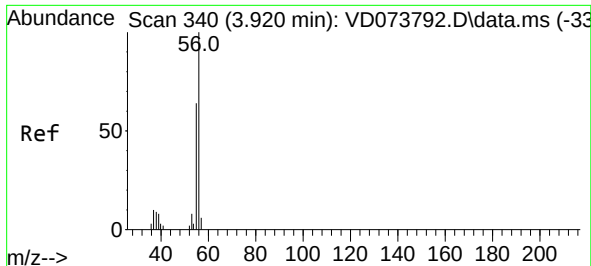


#12
1,1-Dichloroethene
Concen: 11.222 ug/l
RT: 4.050 min Scan# 362
Delta R.T. -0.006 min
Lab File: VD073797.D
Acq: 06 Jul 2022 17:47



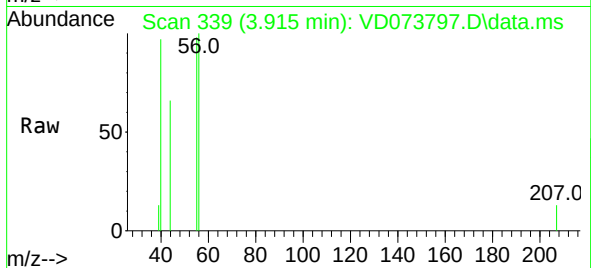
Tgt Ion: 96 Resp: 10282
Ion Ratio Lower Upper
96 100
61 180.8 129.3 193.9
98 61.4 47.4 71.2





#13
Acrolein
Concen: 82.871 ug/l
RT: 3.915 min Scan# 340
Delta R.T. -0.006 min
Lab File: VD073797.D
Acq: 06 Jul 2022 17:47

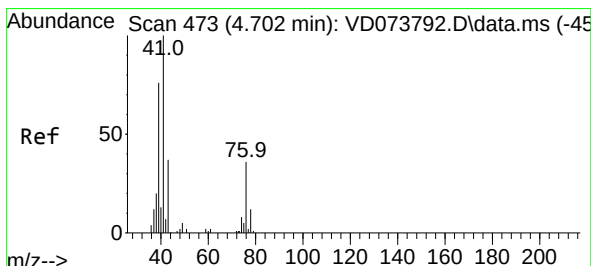
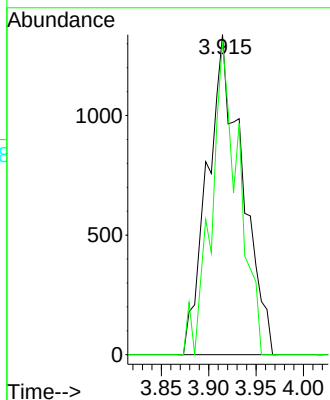
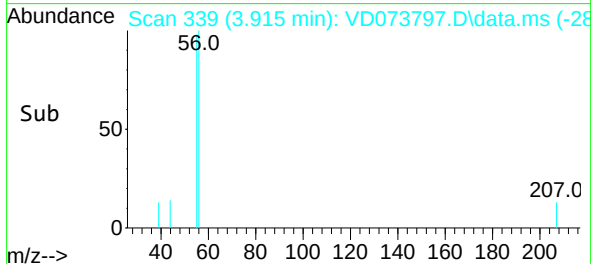
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



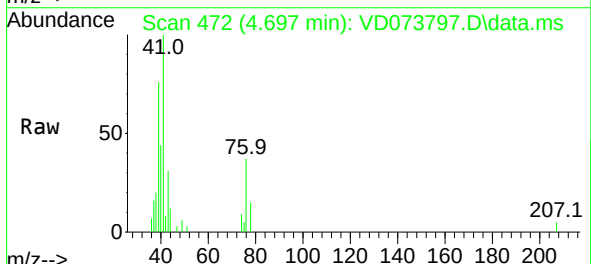
Tgt Ion: 56 Resp: 3448
Ion Ratio Lower Upper
56 100
55 77.1 55.4 83.2

Manual Integrations
APPROVED

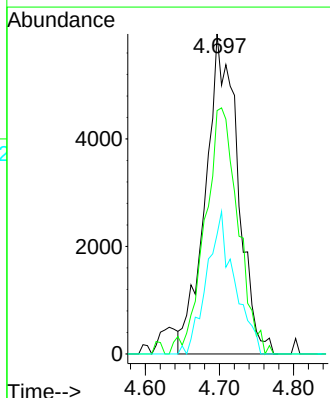
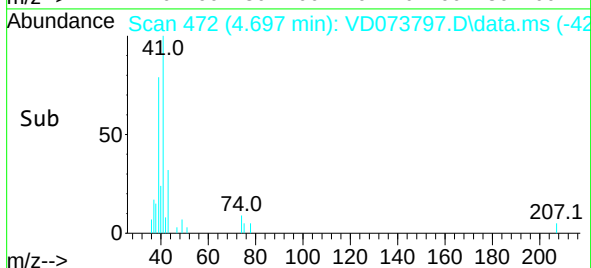
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

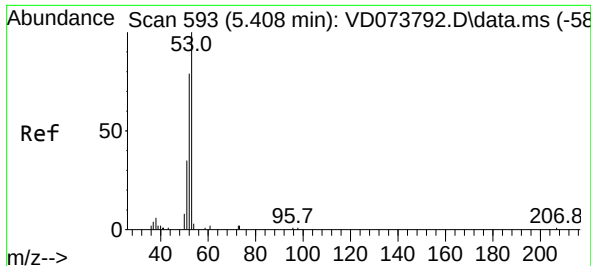


#14
Allyl chloride
Concen: 11.282 ug/l
RT: 4.697 min Scan# 472
Delta R.T. -0.006 min
Lab File: VD073797.D
Acq: 06 Jul 2022 17:47



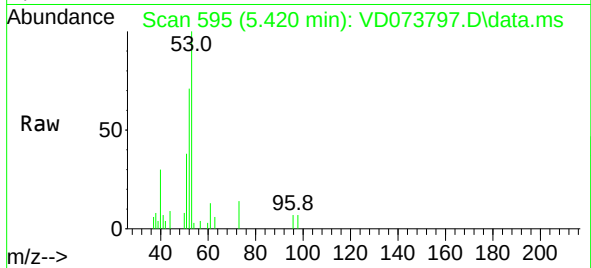
Tgt Ion: 41 Resp: 18026
Ion Ratio Lower Upper
41 100
39 78.8 59.8 89.8
76 38.2 28.4 42.6





#15
Acrylonitrile
Concen: 56.240 ug/l
RT: 5.420 min Scan# 51
Delta R.T. 0.012 min
Lab File: VD073797.D
Acq: 06 Jul 2022 17:47

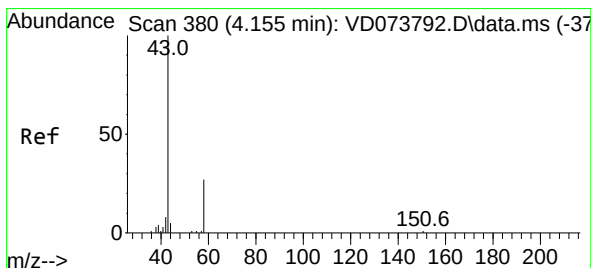
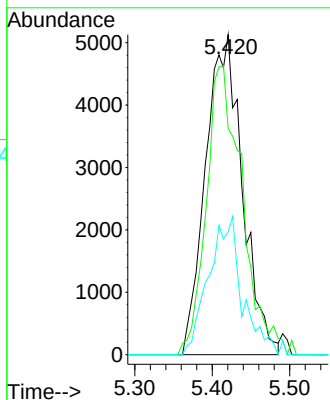
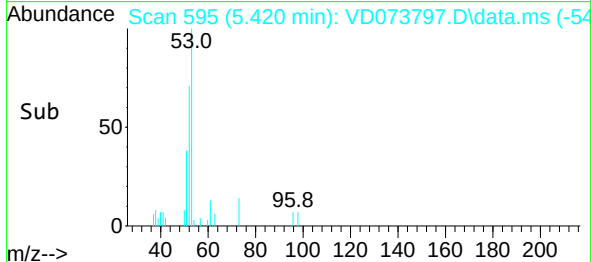
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



Tgt Ion: 53 Resp: 16924
Ion Ratio Lower Upper
53 100
52 88.5 65.9 98.9
51 39.1 29.7 44.5

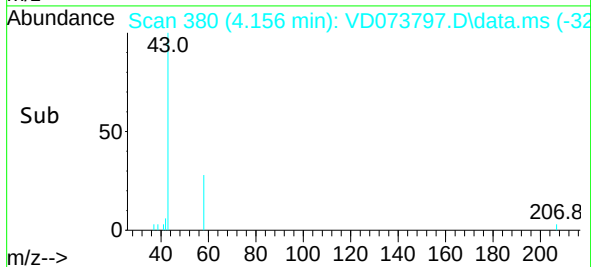
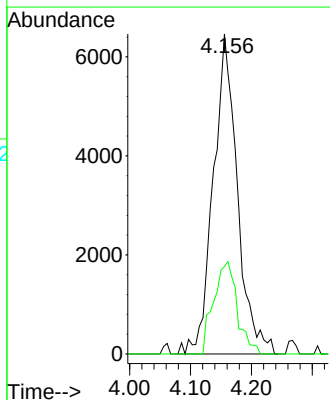
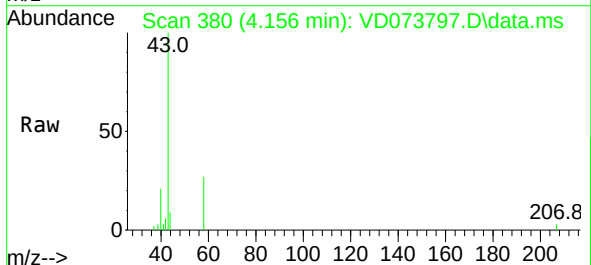
Manual Integrations
APPROVED

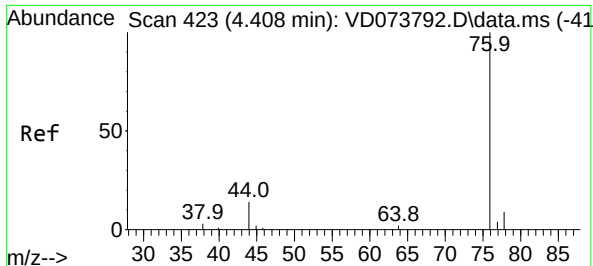
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#16
Acetone
Concen: 75.959 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD073797.D
Acq: 06 Jul 2022 17:47

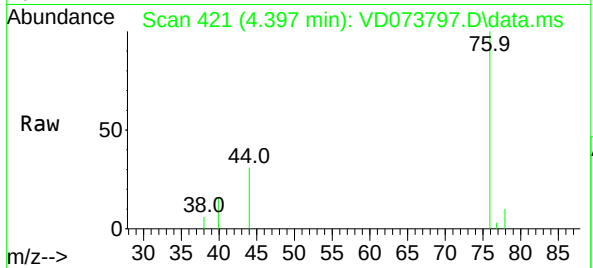
Tgt Ion: 43 Resp: 17785
Ion Ratio Lower Upper
43 100
58 27.4 21.3 31.9





#17
Carbon Disulfide
Concen: 12.581 ug/l
RT: 4.397 min Scan# 41
Delta R.T. -0.012 min
Lab File: VD073797.D
Acq: 06 Jul 2022 17:47

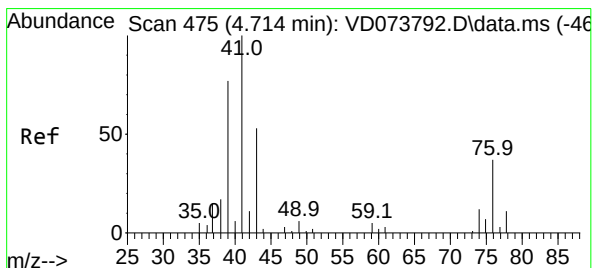
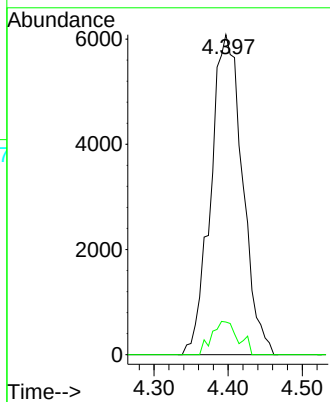
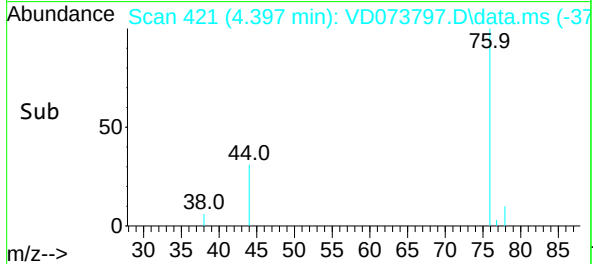
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



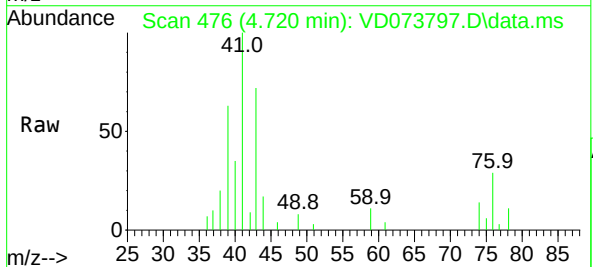
Tgt Ion: 76 Resp: 1813
Ion Ratio Lower Upper
76 100
78 10.2 6.8 10.2

Manual Integrations
APPROVED

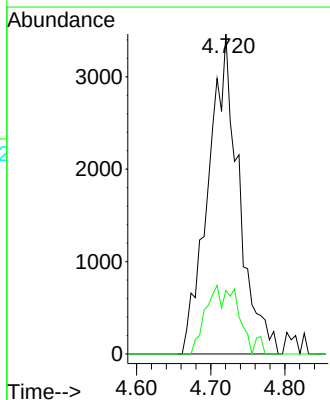
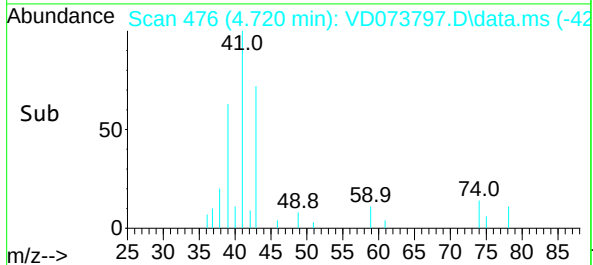
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

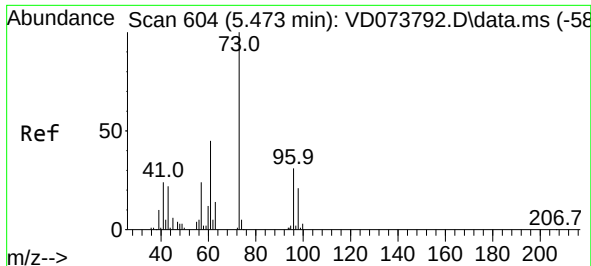


#18
Methyl Acetate
Concen: 10.979 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.006 min
Lab File: VD073797.D
Acq: 06 Jul 2022 17:47



Tgt Ion: 43 Resp: 9952
Ion Ratio Lower Upper
43 100
74 11.5 18.3 27.5





#19

Methyl tert-butyl Ether

Concen: 12.261 ug/l

RT: 5.479 min Scan# 604

Delta R.T. 0.006 min

Lab File: VD073797.D

Acq: 06 Jul 2022 17:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tgt Ion: 73 Resp: 37204

Ion Ratio Lower Upper

73 100

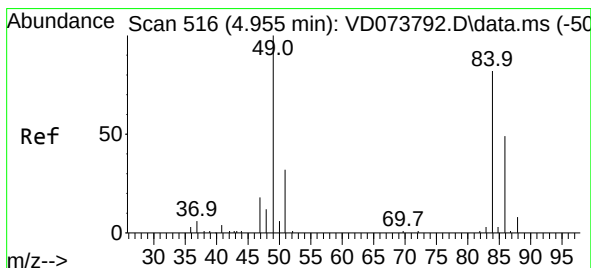
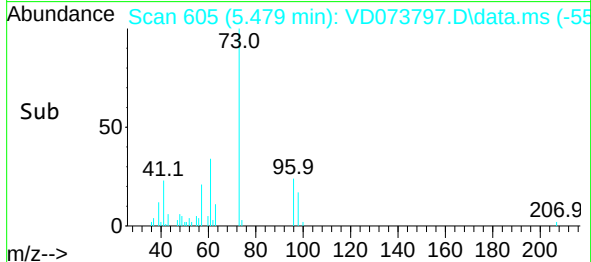
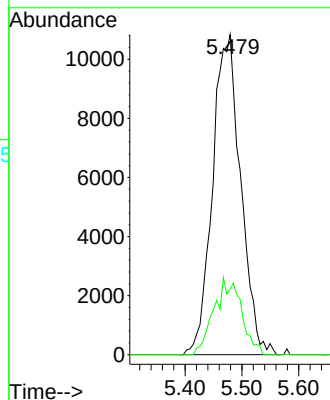
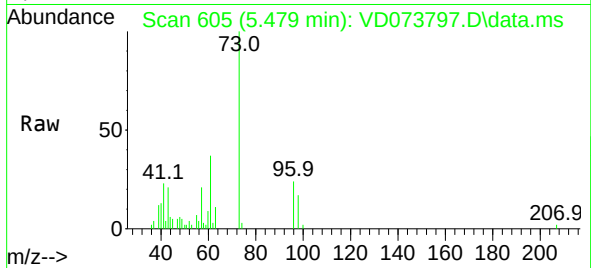
57 20.5 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#20

Methylene Chloride

Concen: 26.829 ug/l

RT: 4.950 min Scan# 515

Delta R.T. -0.006 min

Lab File: VD073797.D

Acq: 06 Jul 2022 17:47

Tgt Ion: 84 Resp: 40183

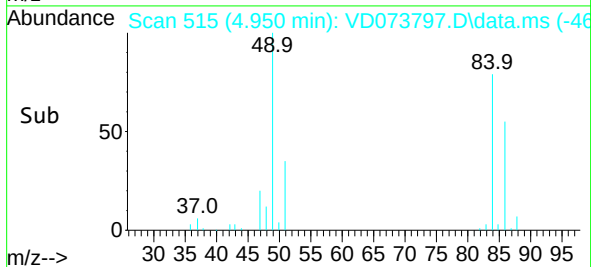
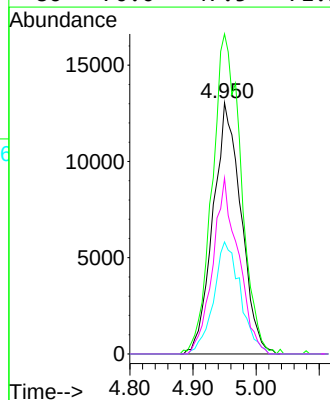
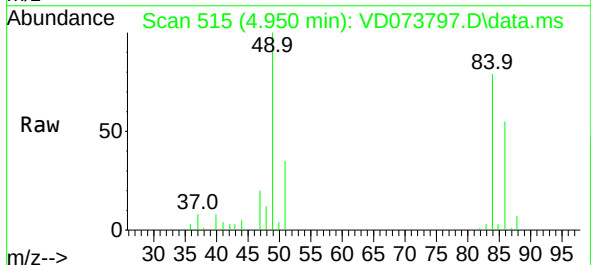
Ion Ratio Lower Upper

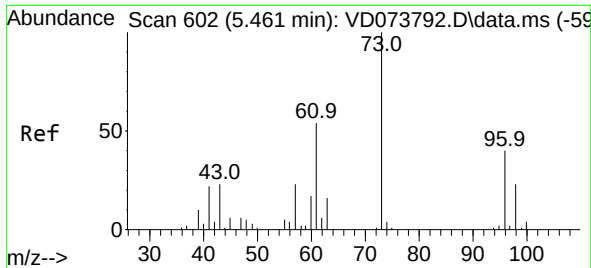
84 100

49 127.4 97.4 146.2

51 44.6 30.8 46.2

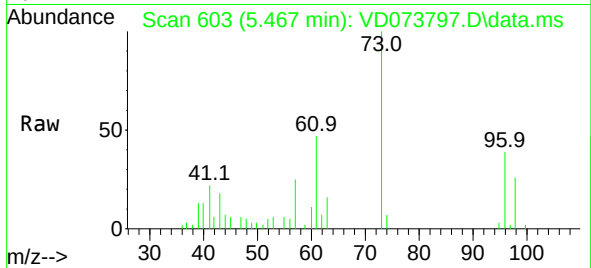
86 70.0 47.5 71.3





#21
trans-1,2-Dichloroethene
Concen: 12.064 ug/l
RT: 5.467 min Scan# 602
Delta R.T. 0.006 min
Lab File: VD073797.D
Acq: 06 Jul 2022 17:47

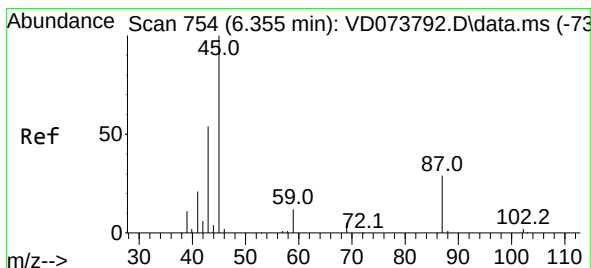
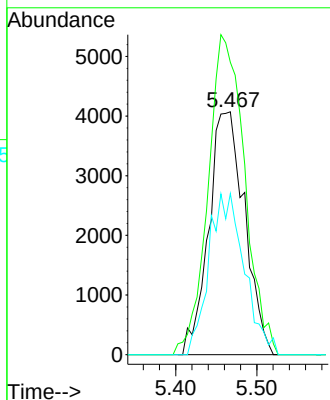
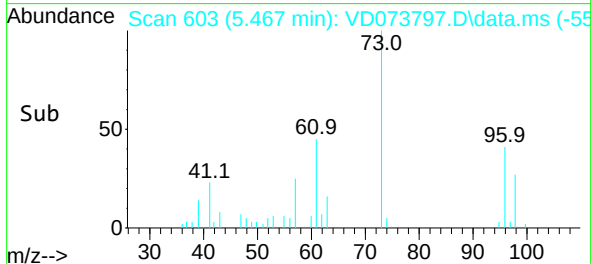
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



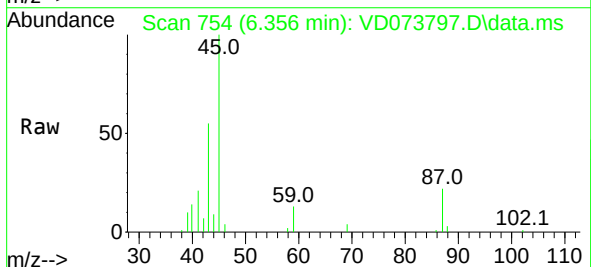
Tgt Ion: 96 Resp: 12534
Ion Ratio Lower Upper
96 100
61 120.4 108.2 162.2
98 66.4 45.4 68.0

Manual Integrations
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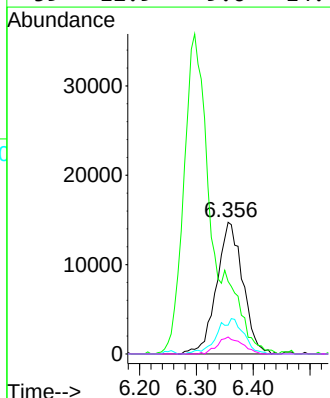
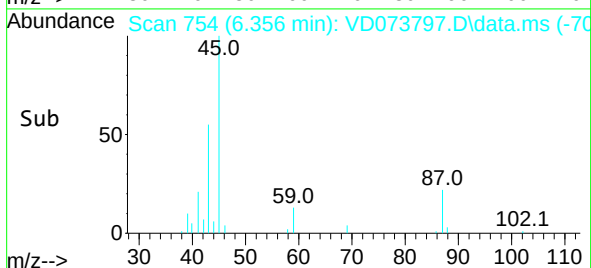
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

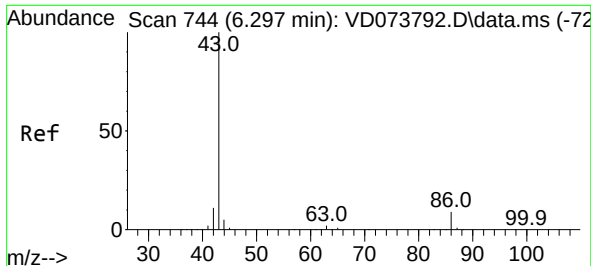


#22
Diisopropyl ether
Concen: 11.654 ug/l
RT: 6.356 min Scan# 754
Delta R.T. 0.000 min
Lab File: VD073797.D
Acq: 06 Jul 2022 17:47



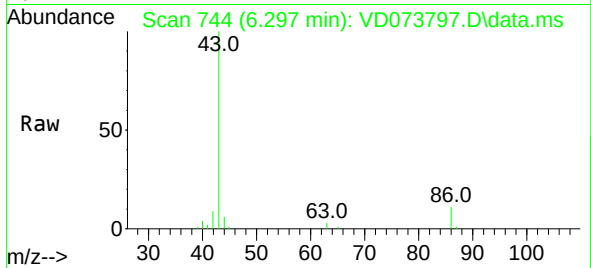
Tgt Ion: 45 Resp: 47287
Ion Ratio Lower Upper
45 100
43 55.1 44.6 67.0
87 21.9 23.2 34.8#
59 12.9 9.6 14.4





#23
 Vinyl Acetate
 Concen: 60.309 ug/l m
 RT: 6.297 min Scan# 744
 Delta R.T. 0.000 min
 Lab File: VD073797.D
 Acq: 06 Jul 2022 17:47

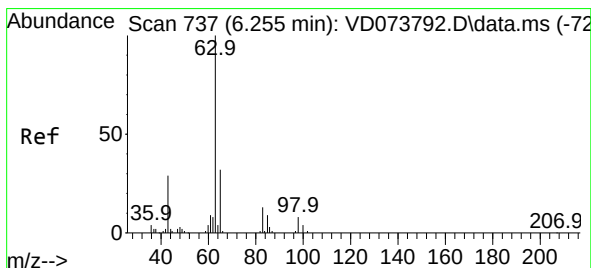
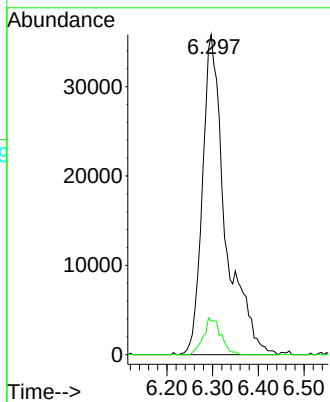
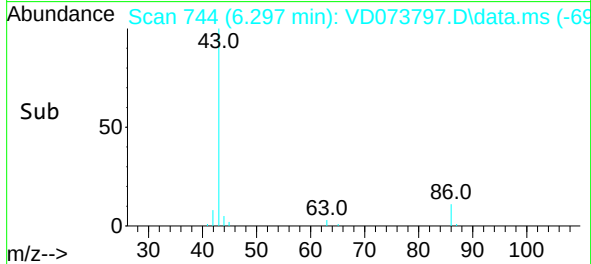
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010



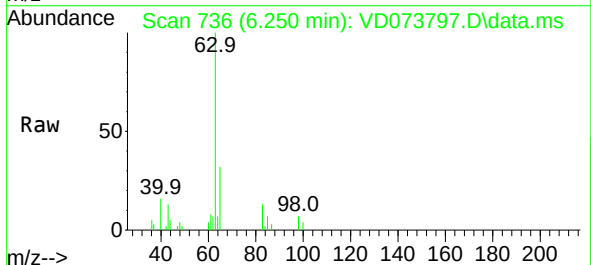
Tgt Ion: 43 Resp: 12509
 Ion Ratio Lower Upper
 43 100
 86 10.6 7.6 11.4

Manual Integrations
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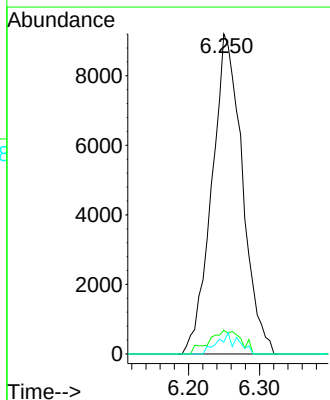
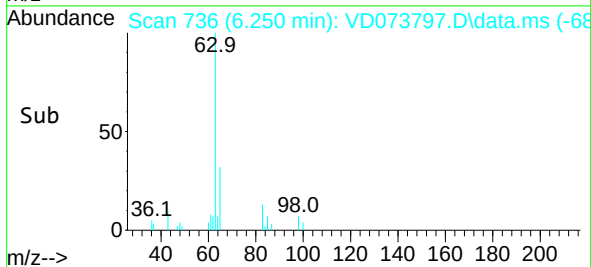
Reviewed By :John Carlone 07/07/2022
 Supervised By :Mahesh Dadoda 07/07/2022

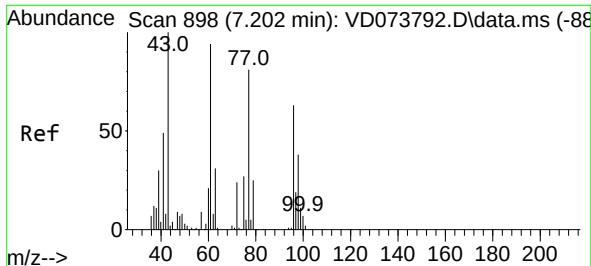


#24
 1,1-Dichloroethane
 Concen: 12.088 ug/l
 RT: 6.250 min Scan# 736
 Delta R.T. -0.006 min
 Lab File: VD073797.D
 Acq: 06 Jul 2022 17:47



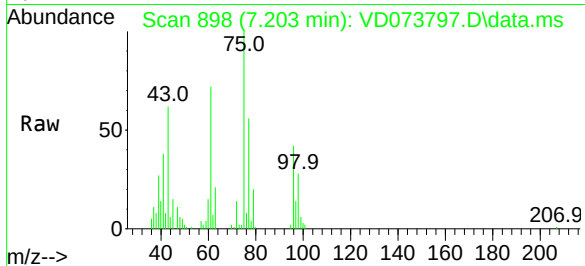
Tgt Ion: 63 Resp: 27406
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.9 11.5
 100 3.7 2.2 6.6





#25
2-Butanone
Concen: 59.308 ug/l
RT: 7.203 min Scan# 895
Delta R.T. 0.000 min
Lab File: VD073797.D
Acq: 06 Jul 2022 17:47

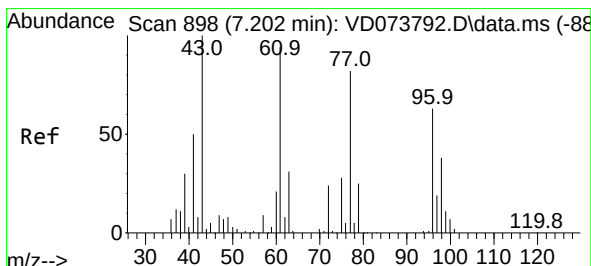
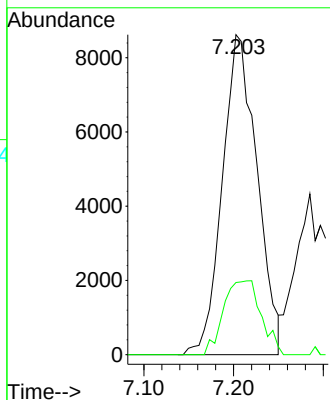
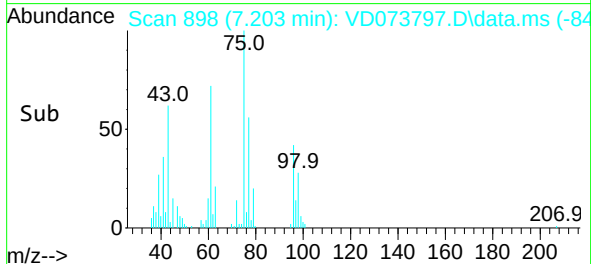
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



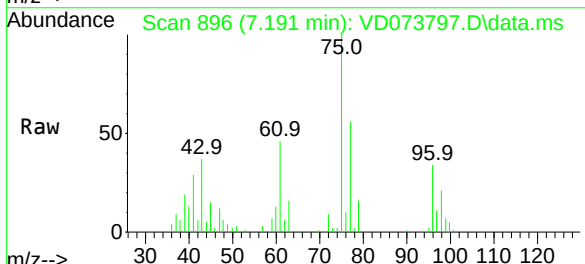
Tgt Ion: 43 Resp: 2314
Ion Ratio Lower Upper
43 100
72 22.5 18.8 28.2

Manual Integrations
APPROVED

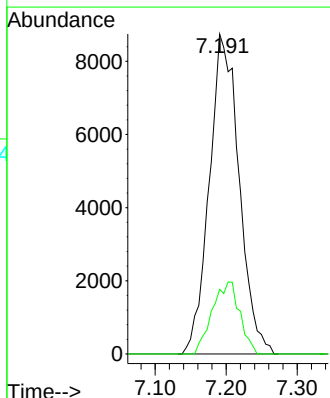
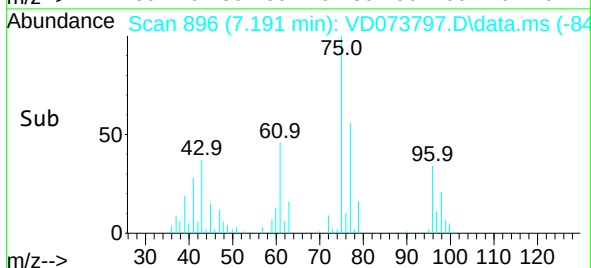
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

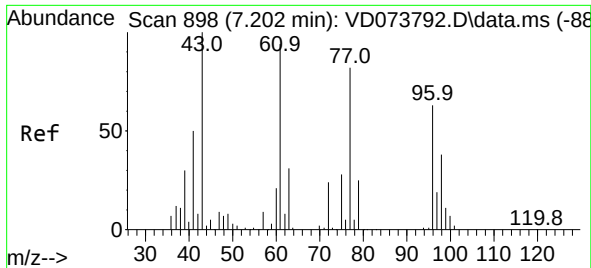


#26
2,2-Dichloropropane
Concen: 12.284 ug/l
RT: 7.191 min Scan# 896
Delta R.T. -0.012 min
Lab File: VD073797.D
Acq: 06 Jul 2022 17:47



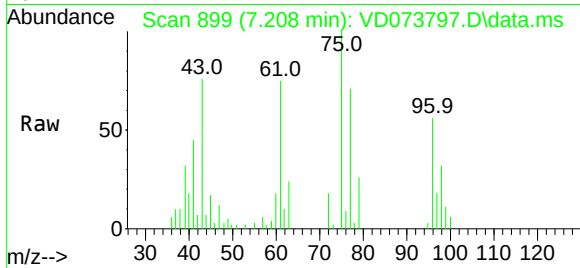
Tgt Ion: 77 Resp: 25440
Ion Ratio Lower Upper
77 100
97 20.8 10.8 32.4





#27
cis-1,2-Dichloroethene
Concen: 11.777 ug/l
RT: 7.208 min Scan# 898
Delta R.T. 0.006 min
Lab File: VD073797.D
Acq: 06 Jul 2022 17:47

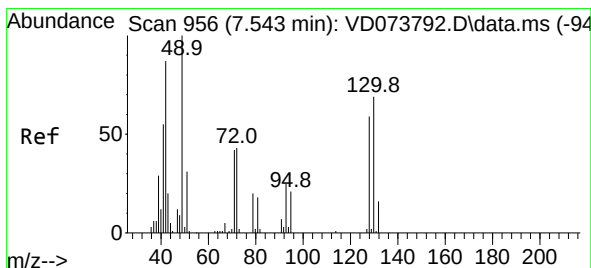
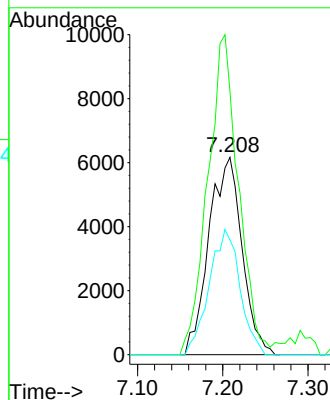
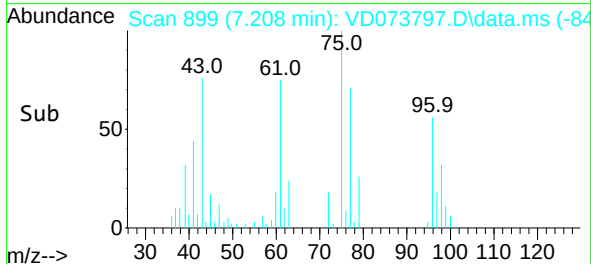
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



Tgt Ion: 96 Resp: 16674
Ion Ratio Lower Upper
96 100
61 150.1 0.0 303.2
98 59.0 0.0 125.2

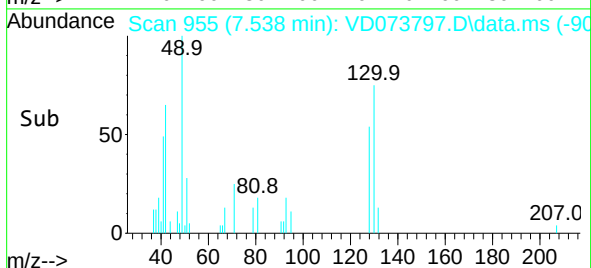
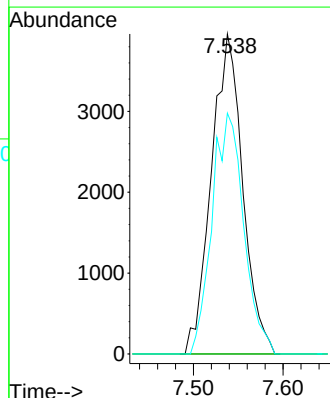
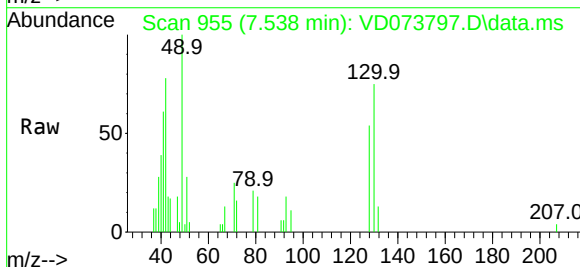
Manual Integrations
APPROVED

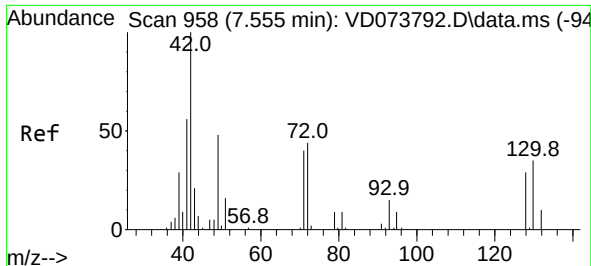
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#28
Bromochloromethane
Concen: 11.074 ug/l
RT: 7.538 min Scan# 955
Delta R.T. -0.006 min
Lab File: VD073797.D
Acq: 06 Jul 2022 17:47

Tgt Ion: 49 Resp: 9604
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.6
130 75.9 55.2 82.8





#29

Tetrahydrofuran

Concen: 58.618 ug/l

RT: 7.556 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD073797.D

Acq: 06 Jul 2022 17:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

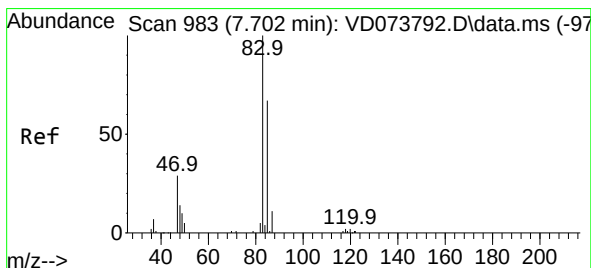
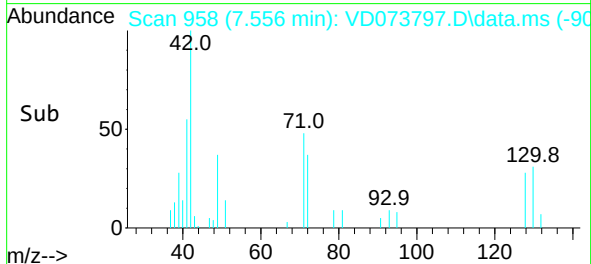
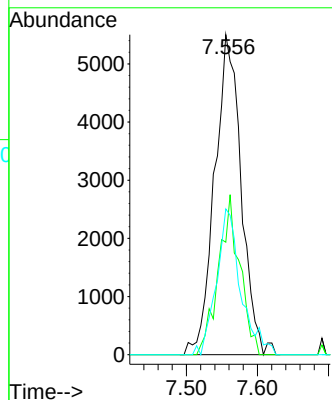
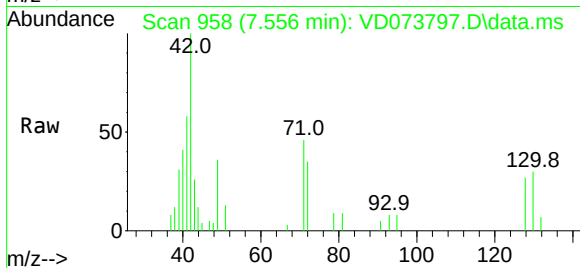
Tgt Ion:	42	Resp:	14275
Ion Ratio	Lower	Upper	
42	100		
72	39.9	34.6	52.0
71	41.5	33.0	49.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#30

Chloroform

Concen: 12.341 ug/l

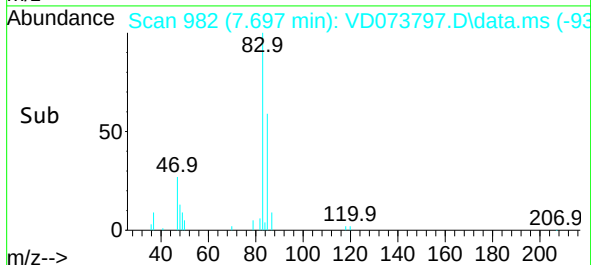
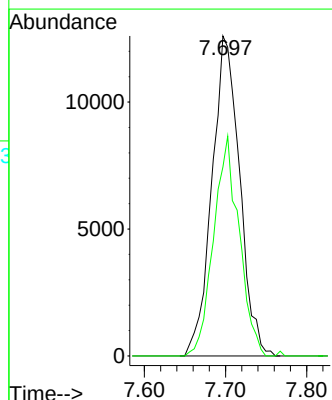
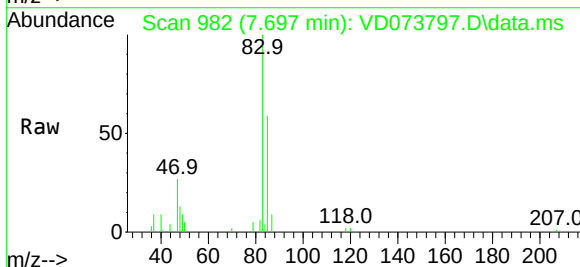
RT: 7.697 min Scan# 982

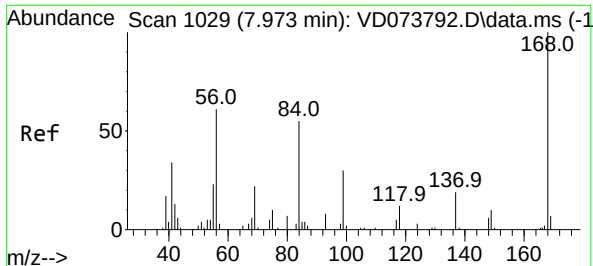
Delta R.T. -0.006 min

Lab File: VD073797.D

Acq: 06 Jul 2022 17:47

Tgt Ion:	83	Resp:	29895
Ion Ratio	Lower	Upper	
83	100		
85	59.1	53.4	80.0





#31

Cyclohexane

Concen: 11.974 ug/l

RT: 7.979 min Scan# 1029

Delta R.T. 0.006 min

Lab File: VD073797.D

Acq: 06 Jul 2022 17:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

Tgt Ion: 56 Resp: 2089

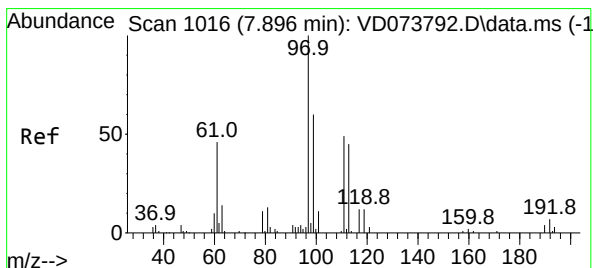
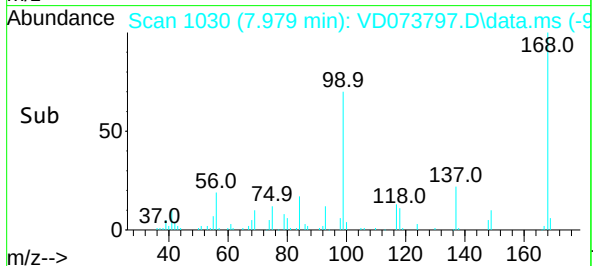
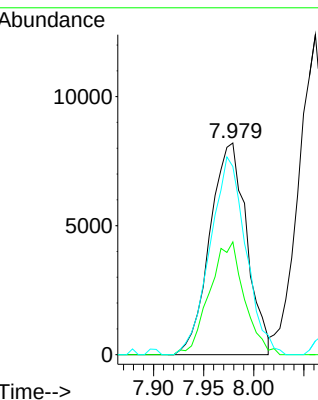
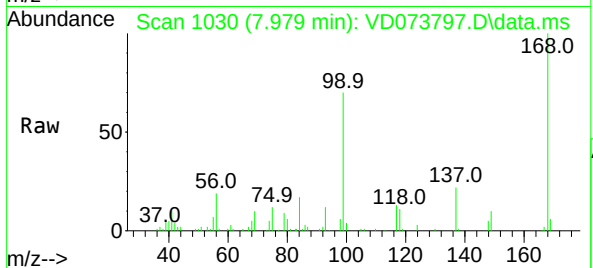
Ion	Ratio	Lower	Upper
56	100		
69	53.3	29.4	44.2
84	88.9	72.1	108.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#32

1,1,1-Trichloroethane

Concen: 11.525 ug/l

RT: 7.891 min Scan# 1015

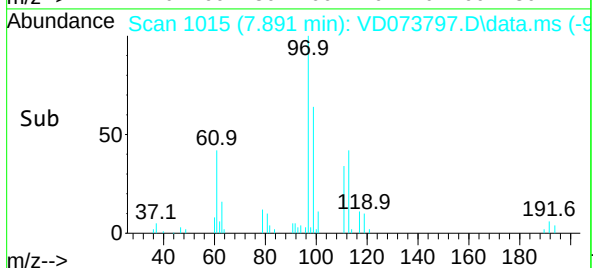
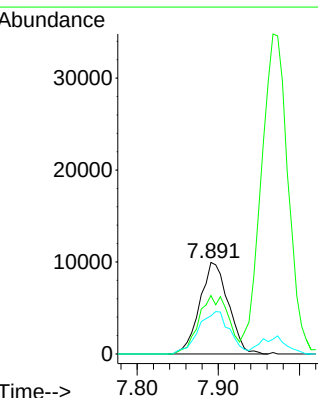
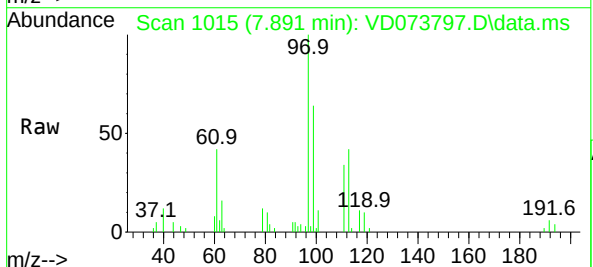
Delta R.T. -0.006 min

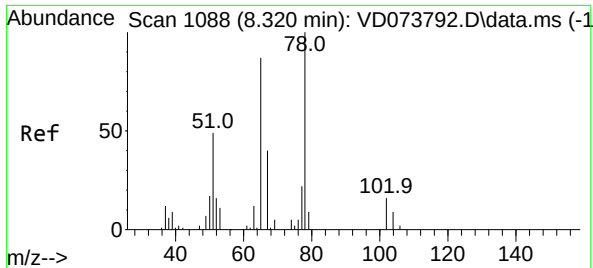
Lab File: VD073797.D

Acq: 06 Jul 2022 17:47

Tgt Ion: 97 Resp: 24313

Ion	Ratio	Lower	Upper
97	100		
99	67.3	49.8	74.8
61	50.8	35.8	53.6





#33

1,2-Dichloroethane-d4

Concen: 14.168 ug/l

RT: 8.326 min Scan# 1088

Delta R.T. 0.006 min

Lab File: VD073797.D

Acq: 06 Jul 2022 17:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

Tgt Ion: 65 Resp: 16010

Ion Ratio Lower Upper

65 100

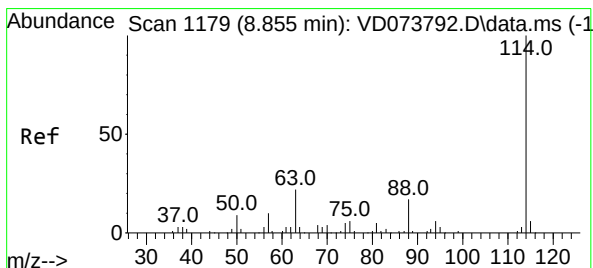
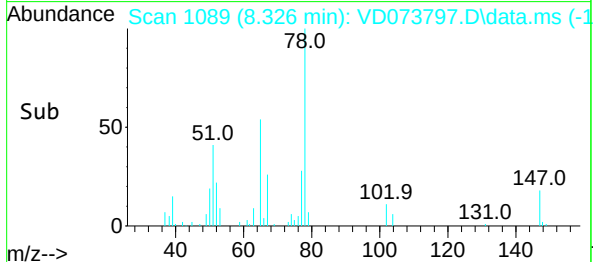
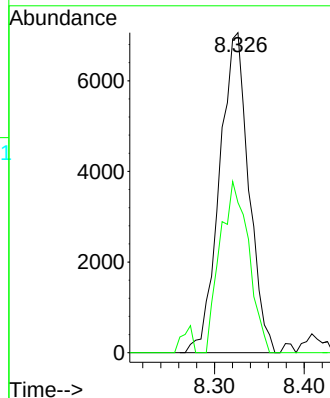
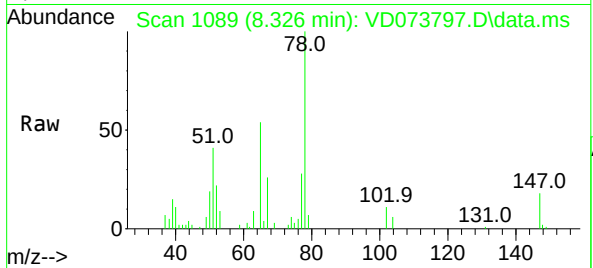
67 52.4 0.0 105.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073797.D

Acq: 06 Jul 2022 17:47

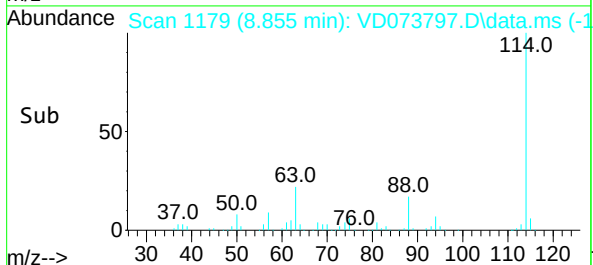
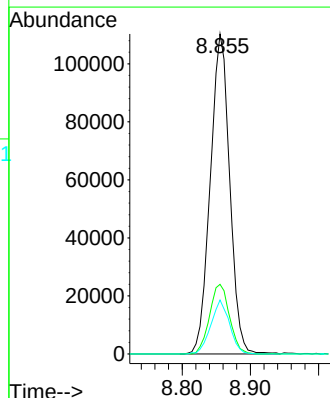
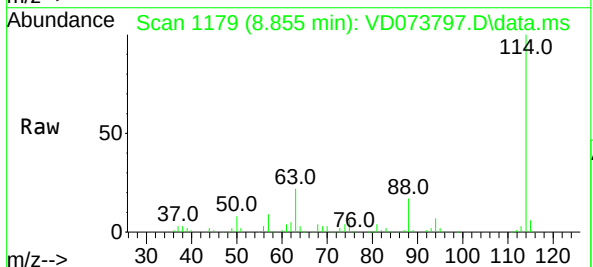
Tgt Ion:114 Resp: 218581

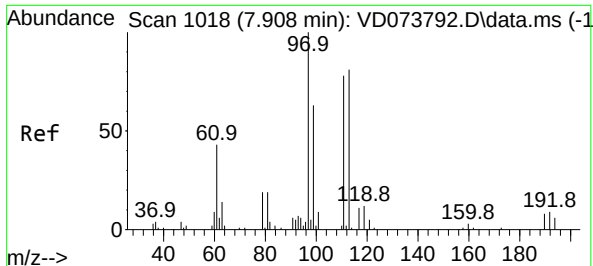
Ion Ratio Lower Upper

114 100

63 21.7 0.0 44.2

88 16.9 0.0 33.6





#35

Dibromofluoromethane

Concen: 12.574 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073797.D

Acq: 06 Jul 2022 17:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

Tgt Ion:113 Resp: 15118

Ion Ratio Lower Upper

113 100

111 96.0 82.7 124.1

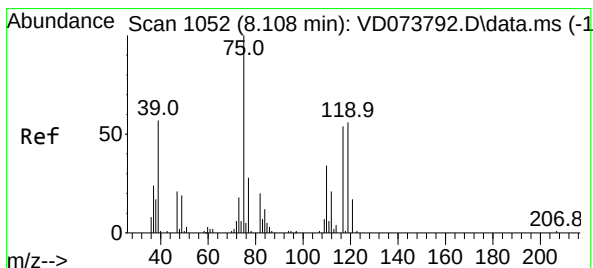
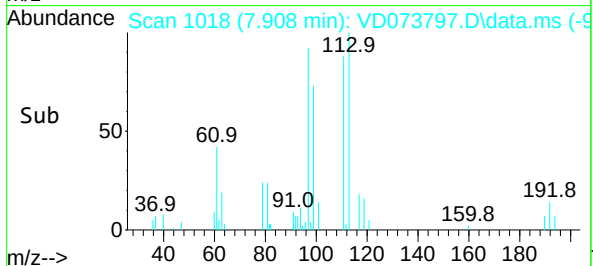
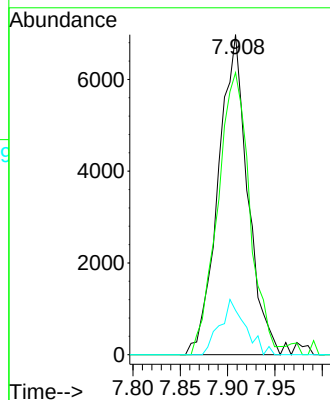
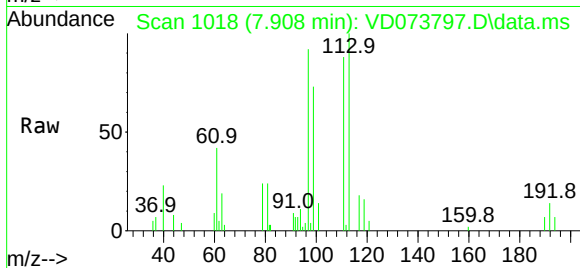
192 14.8 11.7 17.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#36

1,1-Dichloropropene

Concen: 11.467 ug/l

RT: 8.103 min Scan# 1051

Delta R.T. -0.006 min

Lab File: VD073797.D

Acq: 06 Jul 2022 17:47

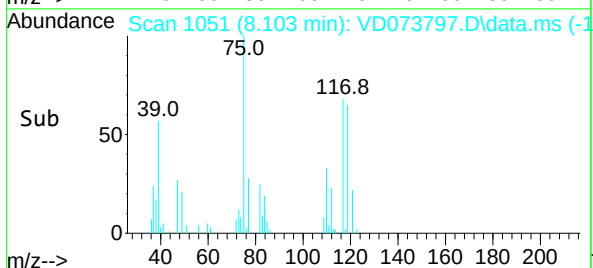
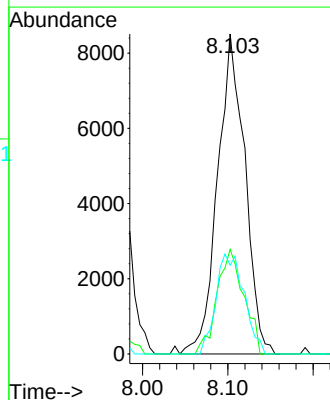
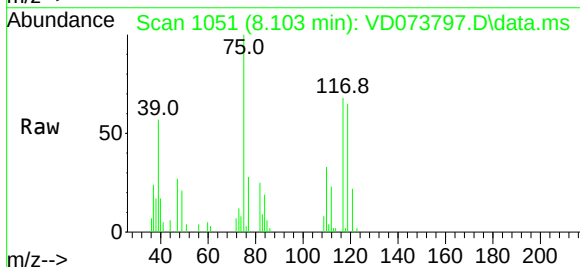
Tgt Ion: 75 Resp: 18972

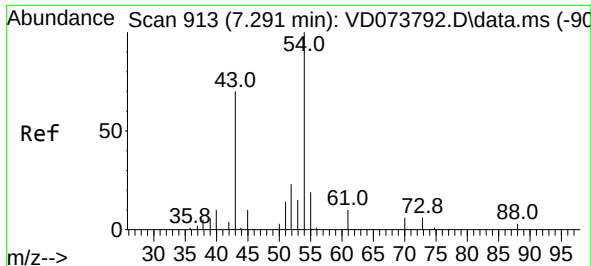
Ion Ratio Lower Upper

75 100

110 32.0 16.9 50.7

77 32.3 24.8 37.2





#37

Ethyl Acetate

Concen: 11.845 ug/l

RT: 7.285 min Scan# 913

Delta R.T. -0.006 min

Lab File: VD073797.D

Acq: 06 Jul 2022 17:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

Tgt Ion: 43 Resp: 10569

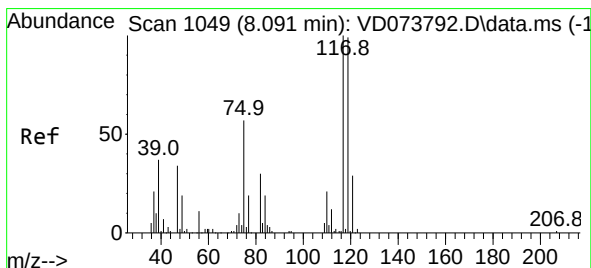
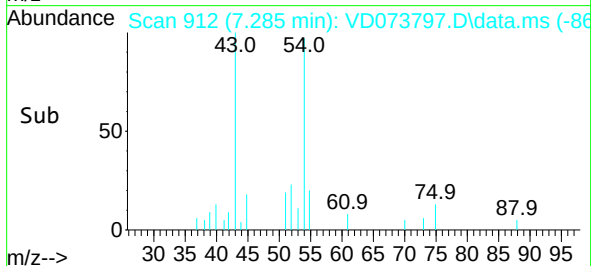
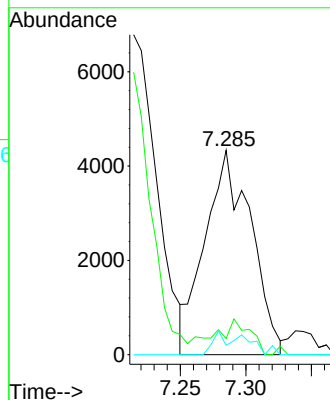
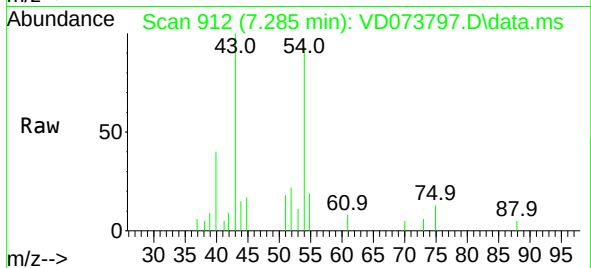
Ion	Ratio	Lower	Upper
43	100		
61	11.5	10.7	16.1
70	3.9	7.7	11.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#38

Carbon Tetrachloride

Concen: 11.141 ug/l

RT: 8.091 min Scan# 1049

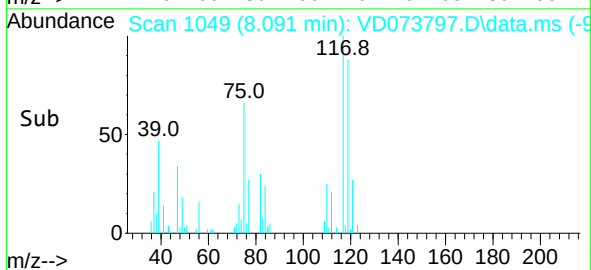
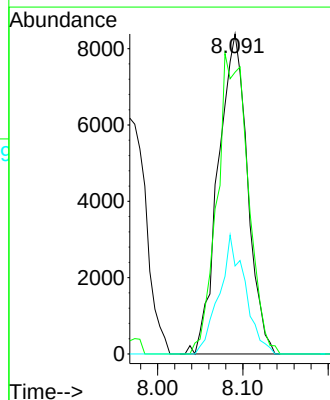
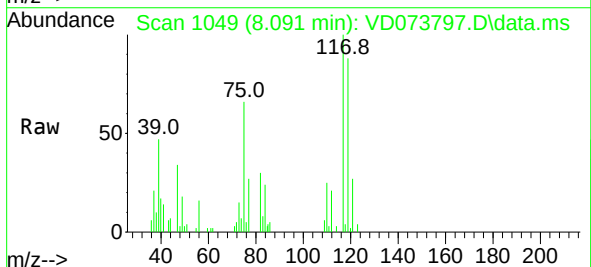
Delta R.T. 0.000 min

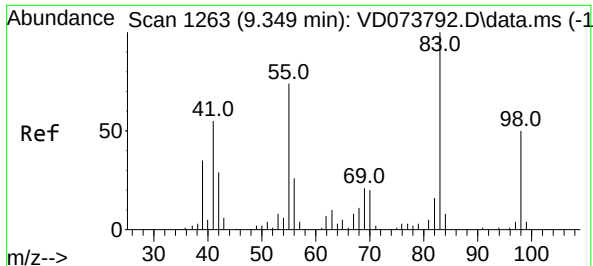
Lab File: VD073797.D

Acq: 06 Jul 2022 17:47

Tgt Ion:117 Resp: 20032

Ion	Ratio	Lower	Upper
117	100		
119	88.1	79.3	118.9
121	27.5	22.9	34.3





#39

Methylcyclohexane

Concen: 10.316 ug/l

RT: 9.344 min Scan# 1092

Delta R.T. -0.006 min

Lab File: VD073797.D

Acq: 06 Jul 2022 17:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

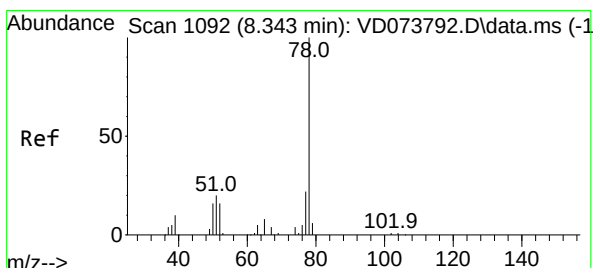
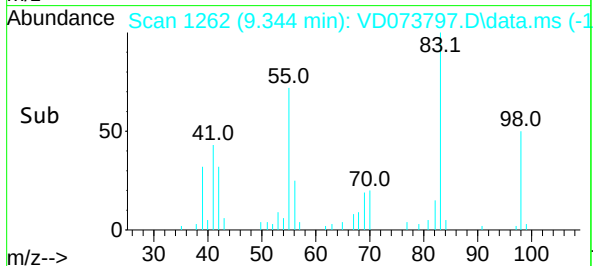
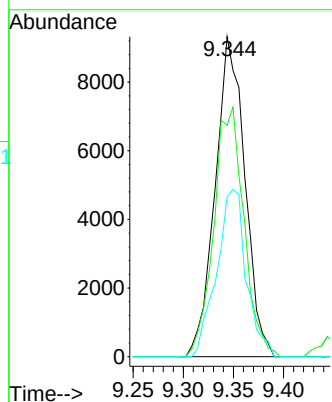
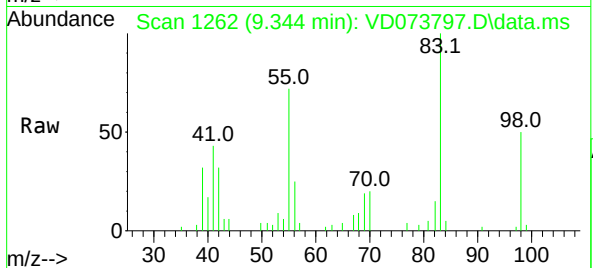
Tgt Ion: 83	Resp: 1914
Ion Ratio	Lower Upper
83 100	
55 72.4	59.3 88.9
98 49.9	40.4 60.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#40

Benzene

Concen: 11.051 ug/l

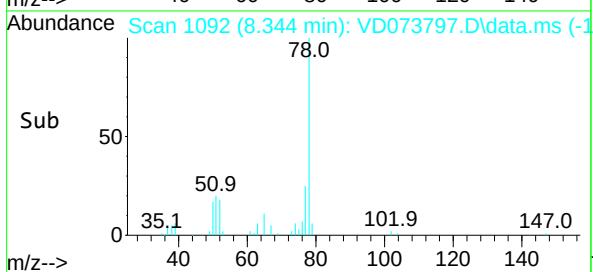
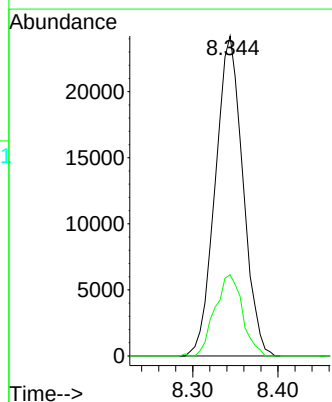
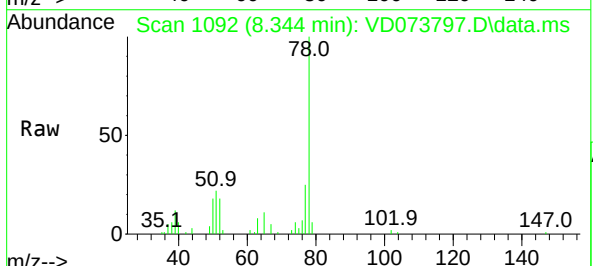
RT: 8.344 min Scan# 1092

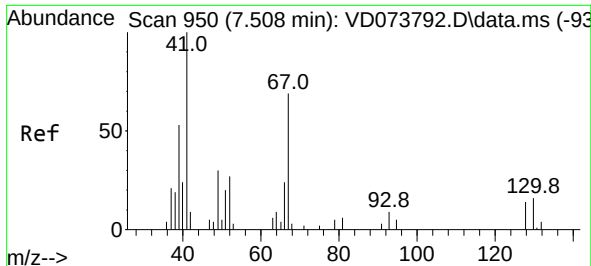
Delta R.T. 0.000 min

Lab File: VD073797.D

Acq: 06 Jul 2022 17:47

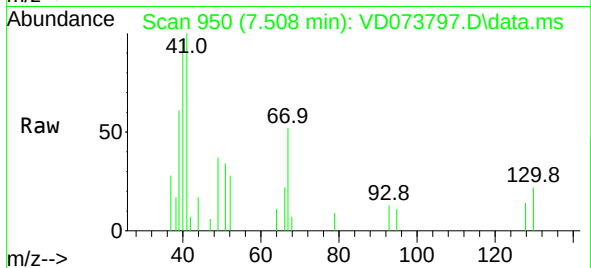
Tgt Ion: 78	Resp: 54359
Ion Ratio	Lower Upper
78 100	
77 25.4	17.8 26.6





#41
Methacrylonitrile
Concen: 9.185 ug/l
RT: 7.508 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD073797.D
Acq: 06 Jul 2022 17:47

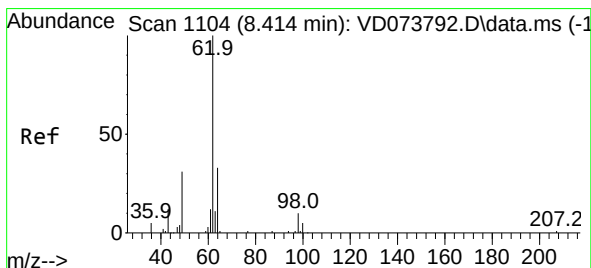
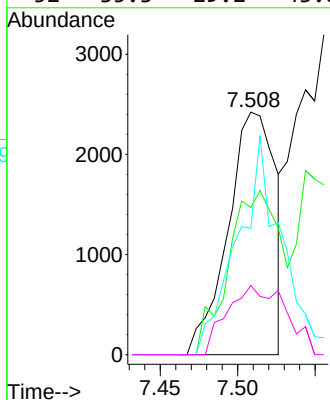
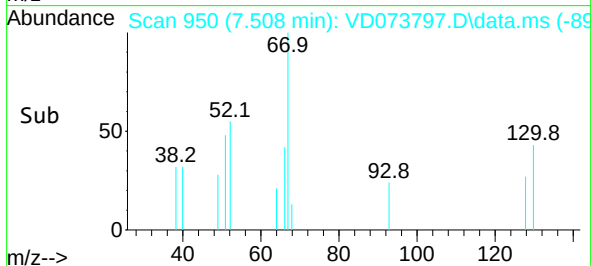
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



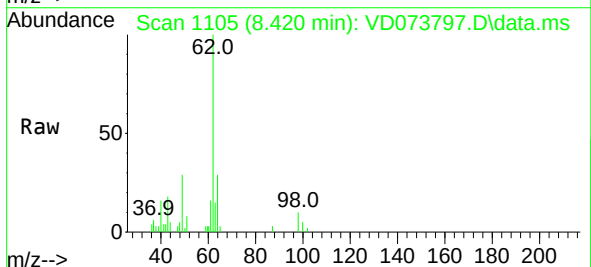
Tgt Ion:	41	Resp:	514
Ion	Ratio	Lower	Upper
41	100		
39	74.2	51.3	76.9
67	84.3	65.5	98.3
52	35.3	29.2	43.8

Manual Integrations
APPROVED

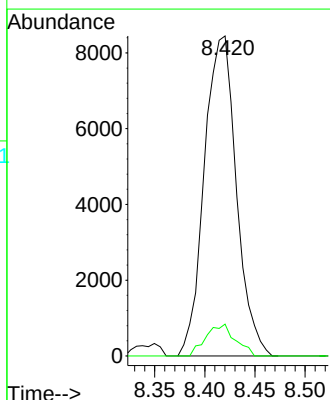
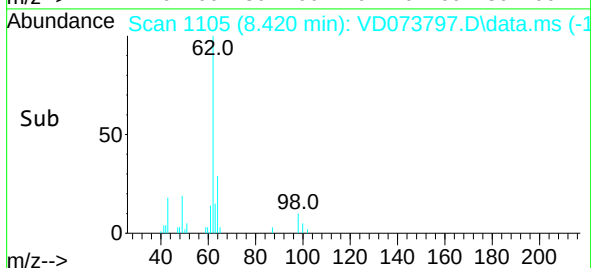
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

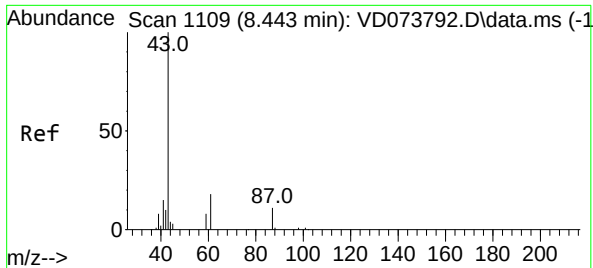


#42
1,2-Dichloroethane
Concen: 12.366 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VD073797.D
Acq: 06 Jul 2022 17:47



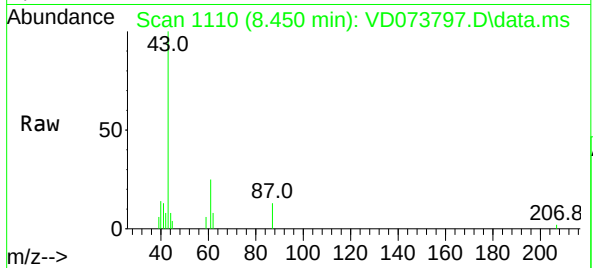
Tgt Ion:	62	Resp:	18809
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	17.4





#43
Isopropyl Acetate
Concen: 11.245 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. 0.006 min
Lab File: VD073797.D
Acq: 06 Jul 2022 17:47

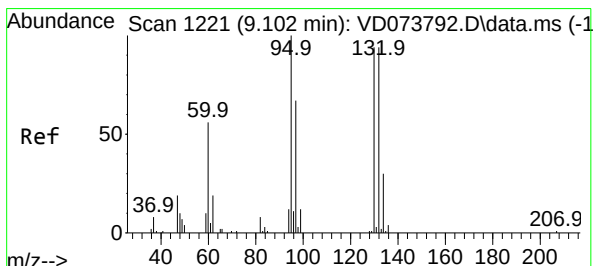
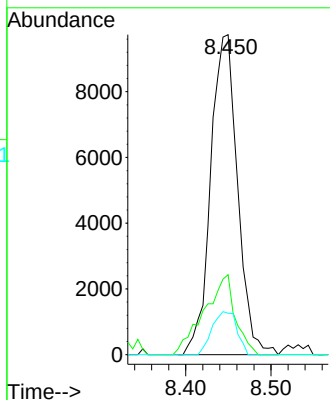
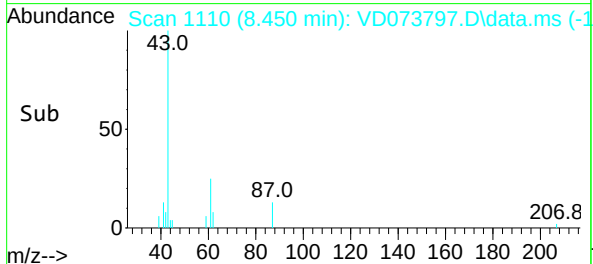
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



Tgt Ion: 43 Resp: 21384
Ion Ratio Lower Upper
43 100
61 28.8 21.8 32.8
87 12.4 9.6 14.4

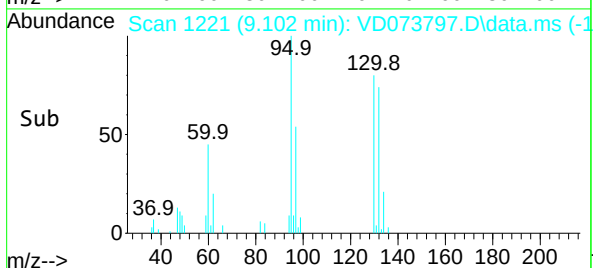
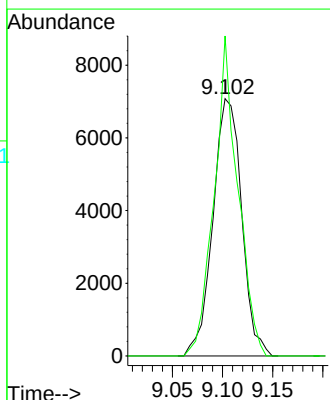
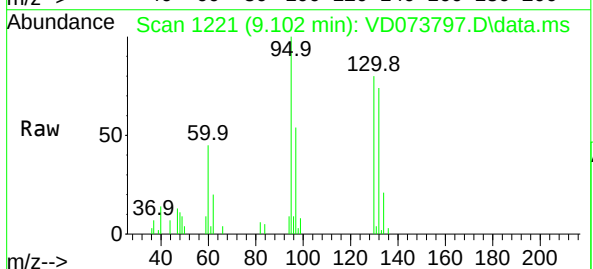
Manual Integrations
APPROVED

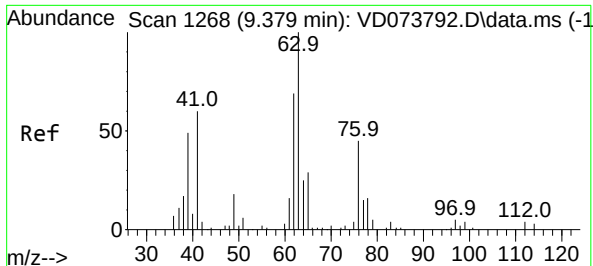
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#44
Trichloroethene
Concen: 10.901 ug/l
RT: 9.102 min Scan# 1221
Delta R.T. 0.000 min
Lab File: VD073797.D
Acq: 06 Jul 2022 17:47

Tgt Ion:130 Resp: 14113
Ion Ratio Lower Upper
130 100
95 124.4 0.0 212.6





#45

1,2-Dichloropropane

Concen: 10.626 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. 0.000 min

Lab File: VD073797.D

Acq: 06 Jul 2022 17:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tgt Ion: 63 Resp: 14994

Ion Ratio Lower Upper

63 100

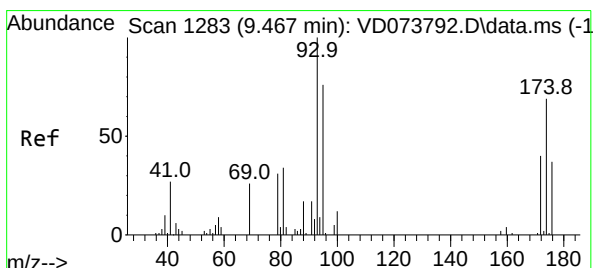
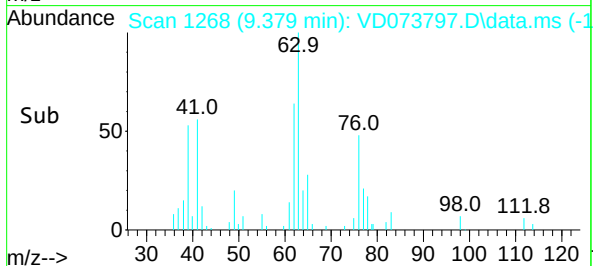
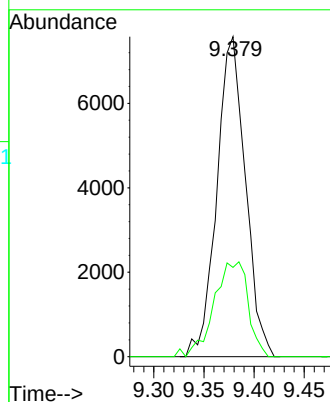
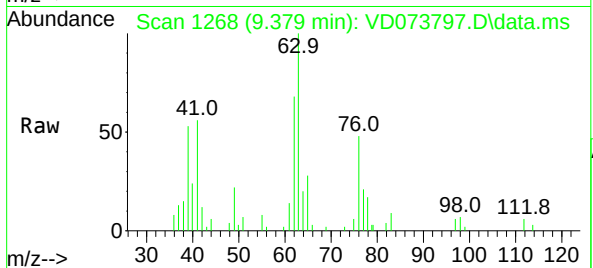
65 27.9 23.4 35.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#46

Dibromomethane

Concen: 11.801 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD073797.D

Acq: 06 Jul 2022 17:47

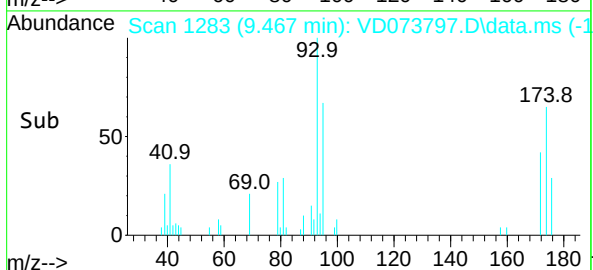
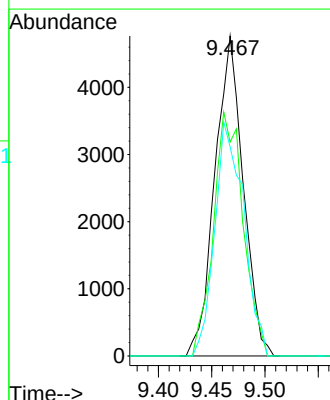
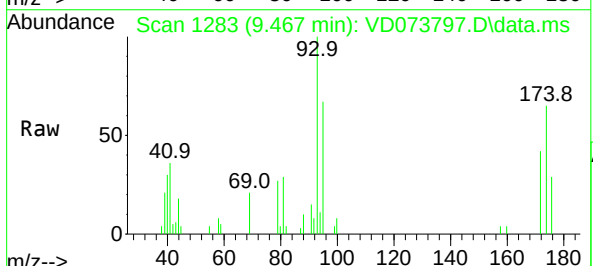
Tgt Ion: 93 Resp: 8811

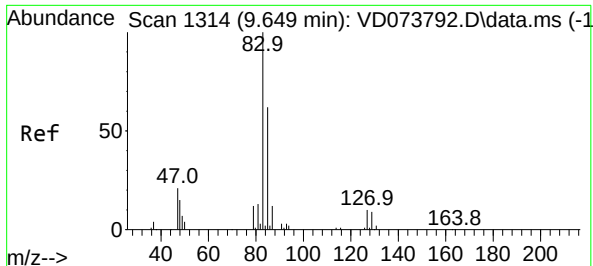
Ion Ratio Lower Upper

93 100

95 80.1 64.8 97.2

174 74.8 59.3 88.9





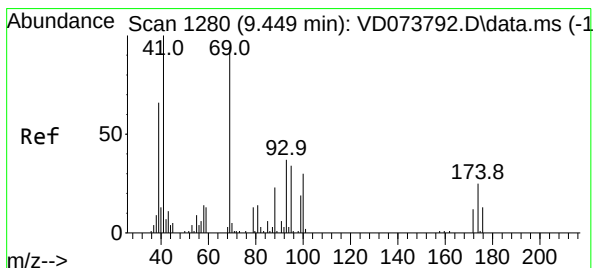
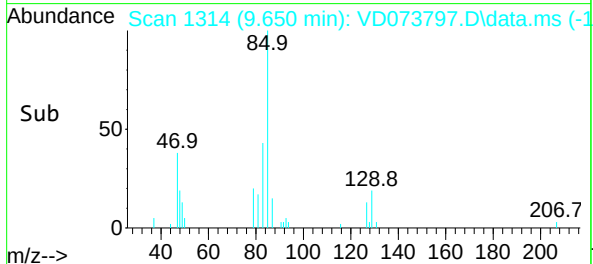
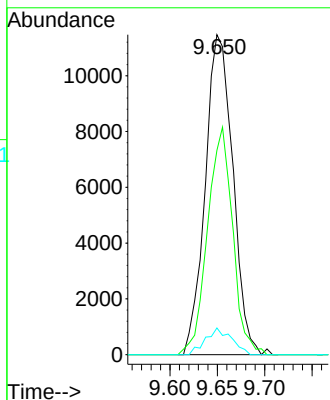
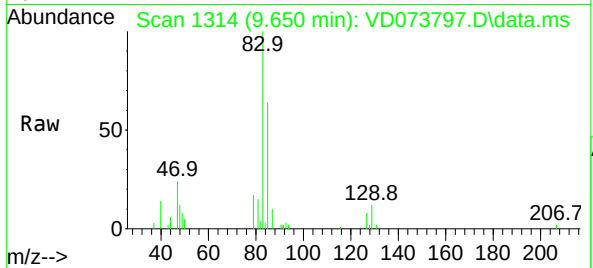
#47
Bromodichloromethane
Concen: 11.508 ug/l
RT: 9.650 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073797.D
Acq: 06 Jul 2022 17:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

Tgt Ion: 83 Resp: 2327
Ion Ratio Lower Upper
83 100
85 63.9 49.4 74.0
127 8.4 7.8 11.6

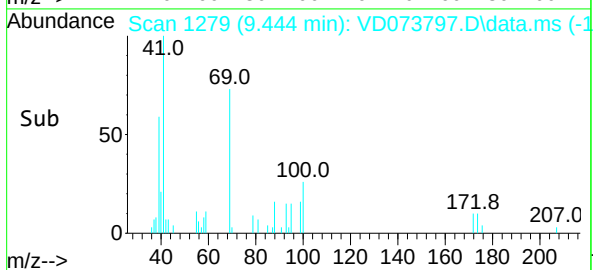
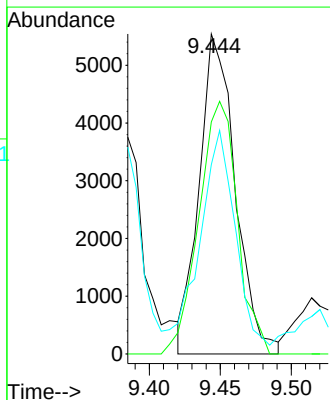
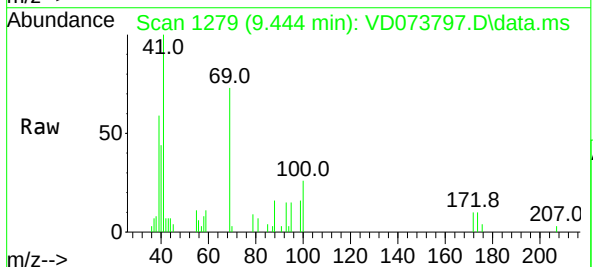
Manual Integrations
APPROVED

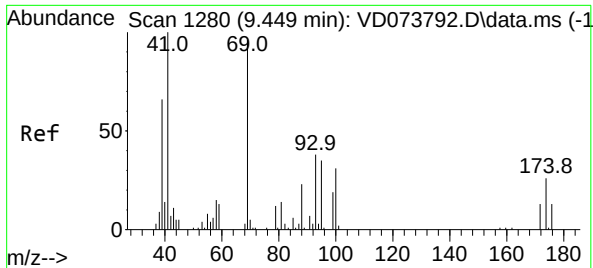
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#48
Methyl methacrylate
Concen: 11.522 ug/l
RT: 9.444 min Scan# 1279
Delta R.T. -0.006 min
Lab File: VD073797.D
Acq: 06 Jul 2022 17:47

Tgt Ion: 41 Resp: 9797
Ion Ratio Lower Upper
41 100
69 84.4 64.6 96.8
39 71.3 54.2 81.4





#49

1,4-Dioxane

Concen: 209.013 ug/l

RT: 9.455 min Scan# 1281

Delta R.T. 0.006 min

Lab File: VD073797.D

Acq: 06 Jul 2022 17:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

Tgt Ion: 88 Resp: 210

Ion Ratio Lower Upper

88 100

43 26.4 33.3 49.9

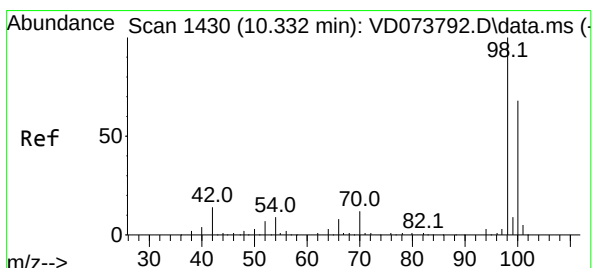
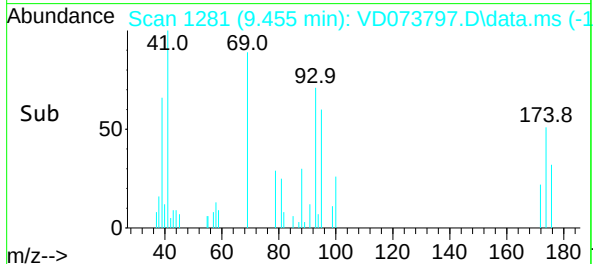
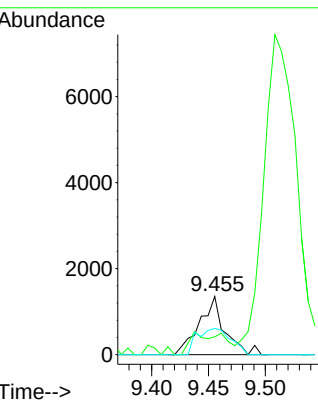
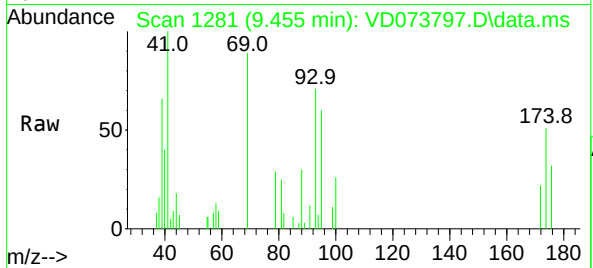
58 59.8 54.2 81.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#50

Toluene-d8

Concen: 12.232 ug/l

RT: 10.326 min Scan# 1429

Delta R.T. -0.006 min

Lab File: VD073797.D

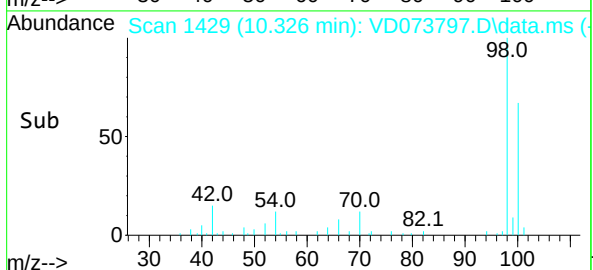
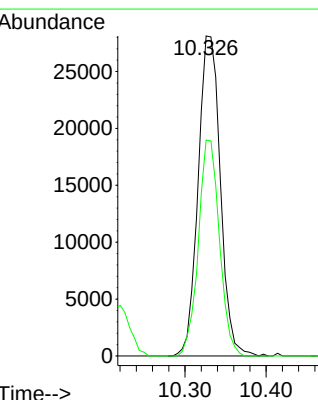
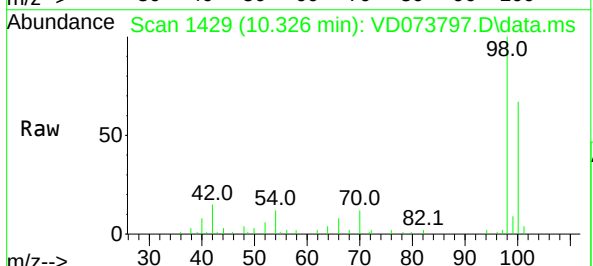
Acq: 06 Jul 2022 17:47

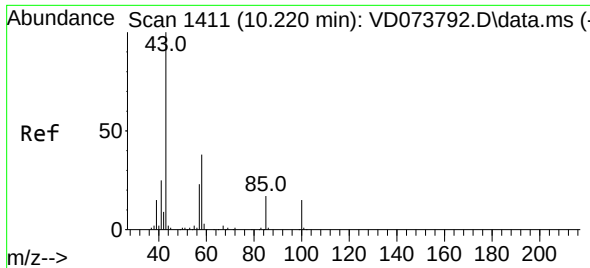
Tgt Ion: 98 Resp: 53454

Ion Ratio Lower Upper

98 100

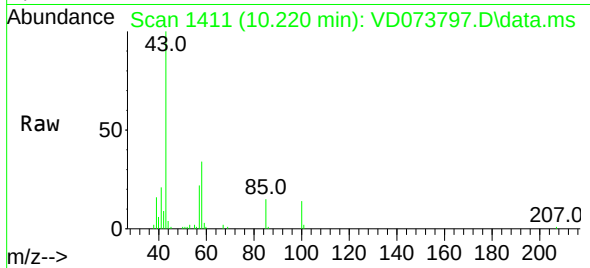
100 63.8 51.9 77.9





#51
4-Methyl-2-Pentanone
Concen: 57.697 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073797.D
Acq: 06 Jul 2022 17:47

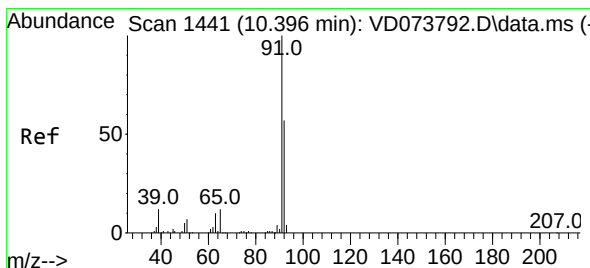
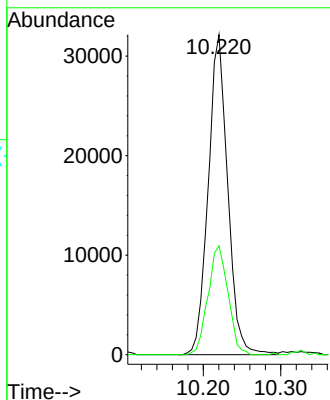
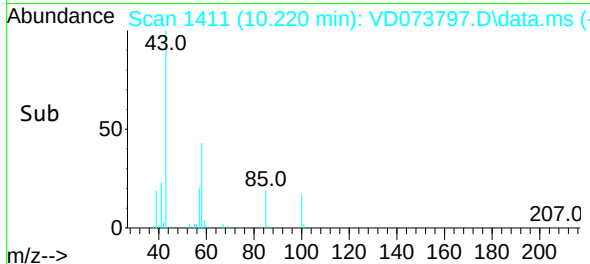
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



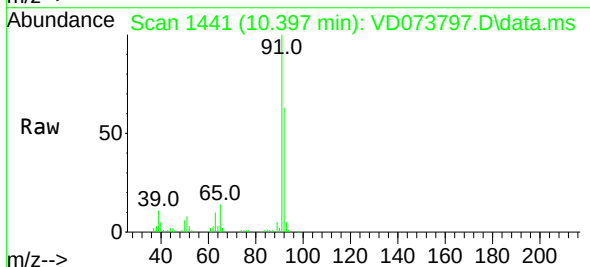
Tgt Ion: 43 Resp: 56228
Ion Ratio Lower Upper
43 100
58 34.9 30.1 45.1

Manual Integrations
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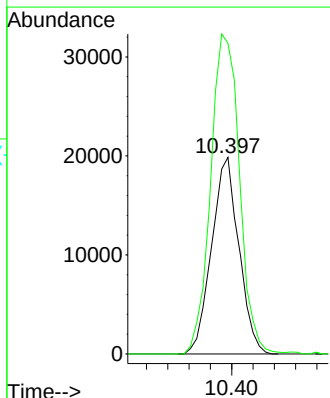
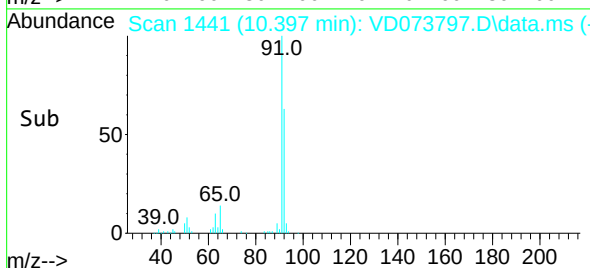
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

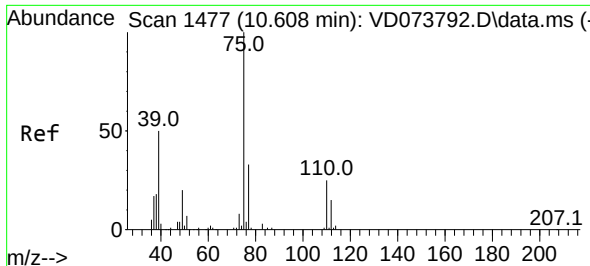


#52
Toluene
Concen: 10.758 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD073797.D
Acq: 06 Jul 2022 17:47



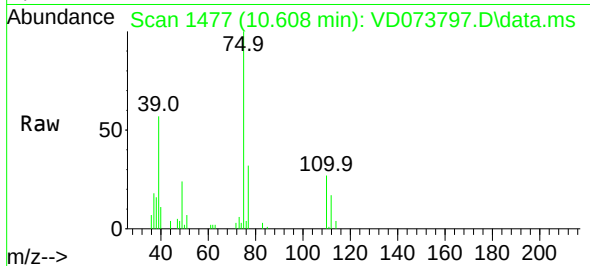
Tgt Ion: 92 Resp: 35303
Ion Ratio Lower Upper
92 100
91 172.2 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 10.746 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VD073797.D
Acq: 06 Jul 2022 17:47

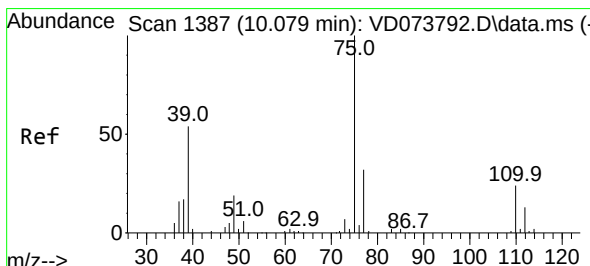
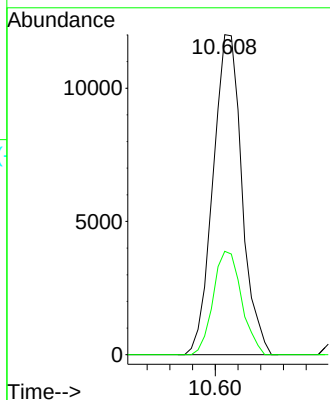
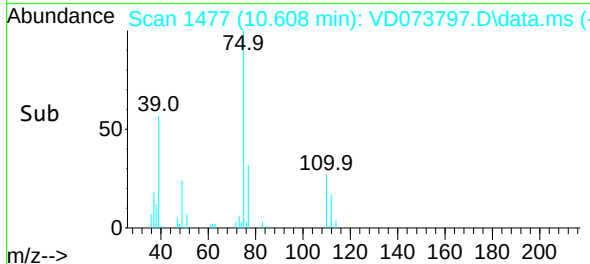
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



Tgt Ion: 75 Resp: 21214
Ion Ratio Lower Upper
75 100
77 32.3 26.6 40.0

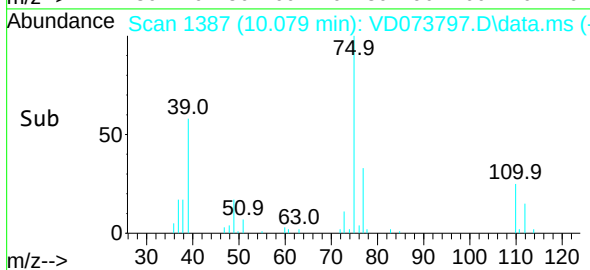
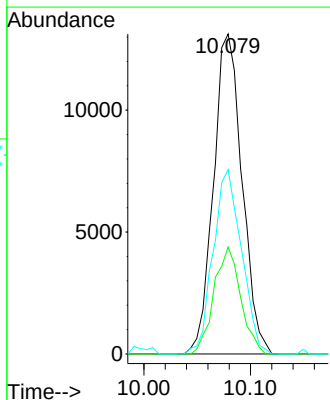
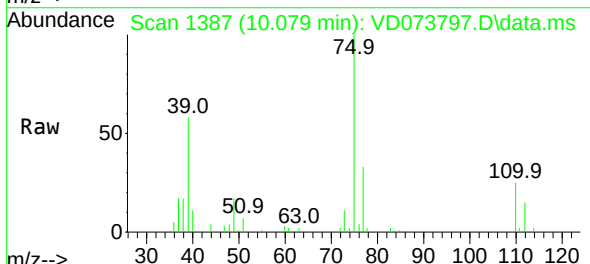
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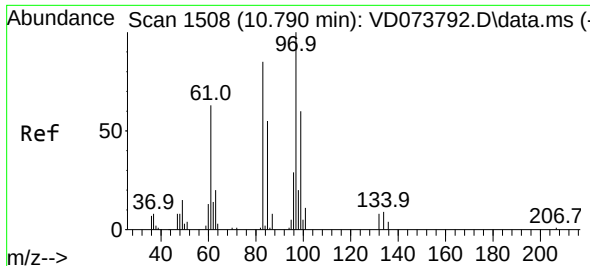
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#54
cis-1,3-Dichloropropene
Concen: 10.998 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VD073797.D
Acq: 06 Jul 2022 17:47

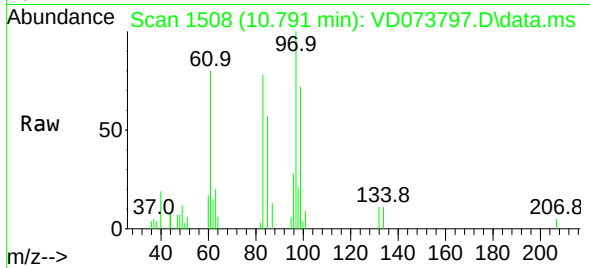
Tgt Ion: 75 Resp: 24424
Ion Ratio Lower Upper
75 100
77 33.4 25.4 38.0
39 57.6 42.9 64.3





#55
1,1,2-Trichloroethane
Concen: 10.402 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VD073797.D
Acq: 06 Jul 2022 17:47

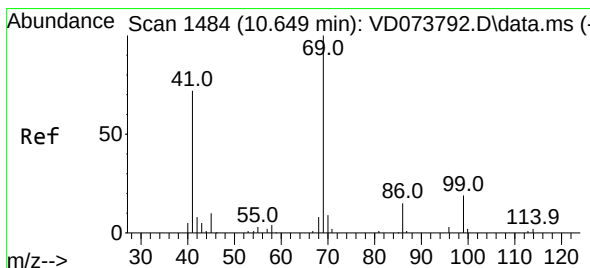
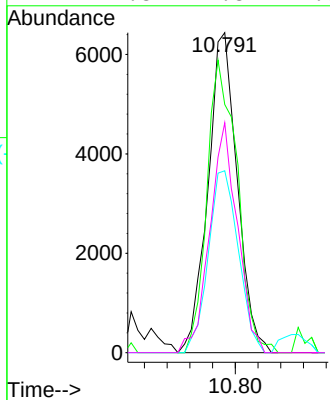
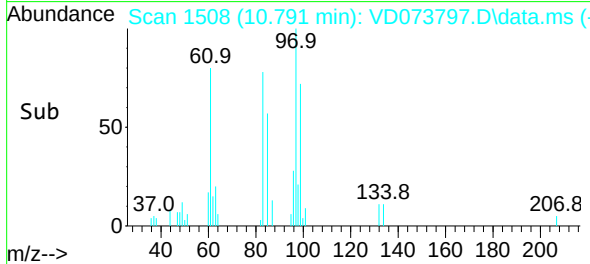
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



Tgt Ion: 97 Resp: 11540
Ion Ratio Lower Upper
97 100
83 77.6 68.2 102.2
85 56.9 43.9 65.9
99 71.8 47.8 71.8#

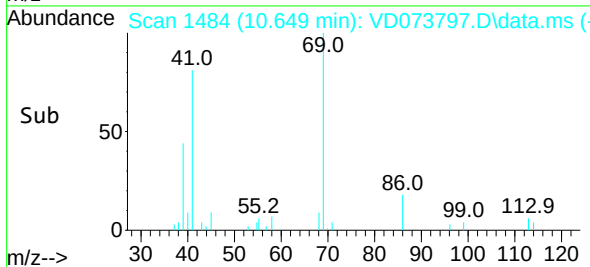
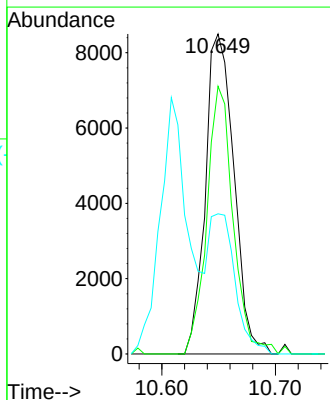
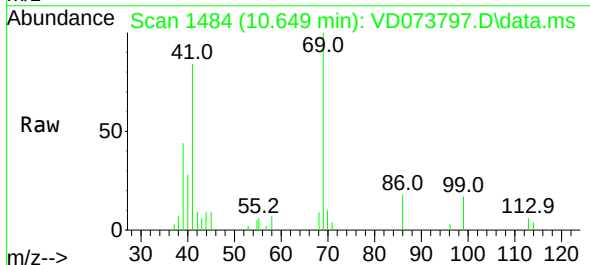
Manual Integrations
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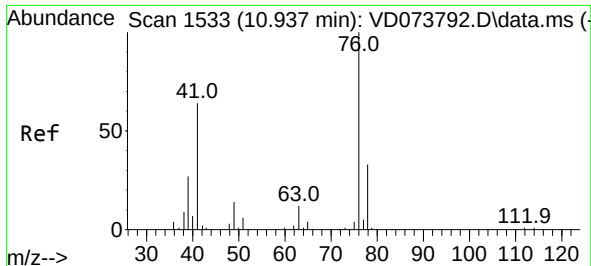
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#56
Ethyl methacrylate
Concen: 10.121 ug/l
RT: 10.649 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VD073797.D
Acq: 06 Jul 2022 17:47

Tgt Ion: 69 Resp: 14837
Ion Ratio Lower Upper
69 100
41 77.7 58.1 87.1
39 39.5 36.6 54.8





#57

1,3-Dichloropropane

Concen: 11.288 ug/l

RT: 10.932 min Scan# 1533

Delta R.T. -0.006 min

Lab File: VD073797.D

Acq: 06 Jul 2022 17:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tgt Ion: 76 Resp: 21134

Ion Ratio Lower Upper

76 100

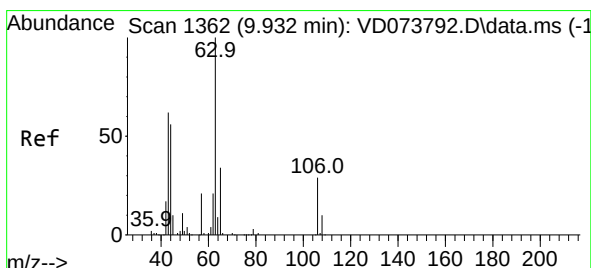
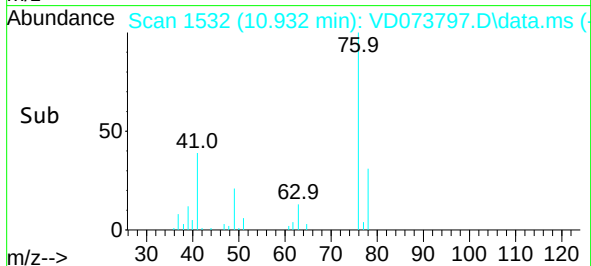
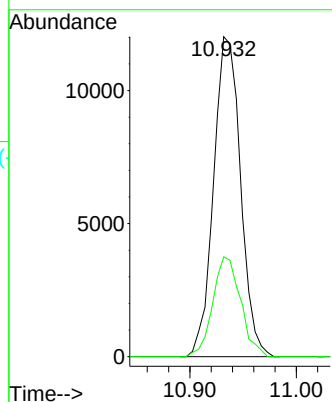
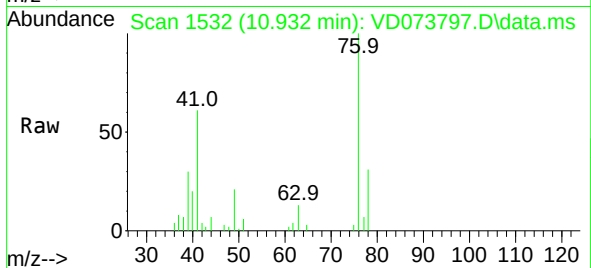
78 32.2 26.6 40.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#58

2-Chloroethyl Vinyl ether

Concen: 50.464 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VD073797.D

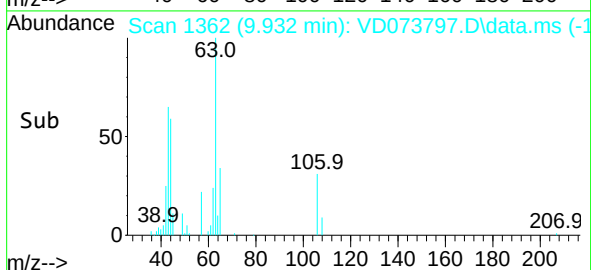
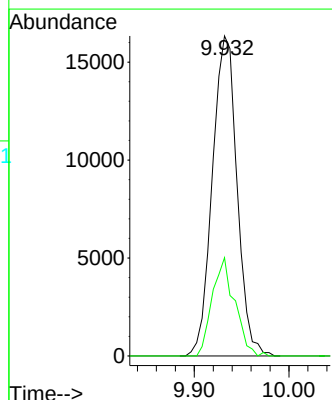
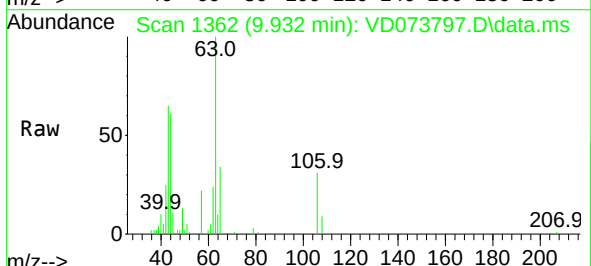
Acq: 06 Jul 2022 17:47

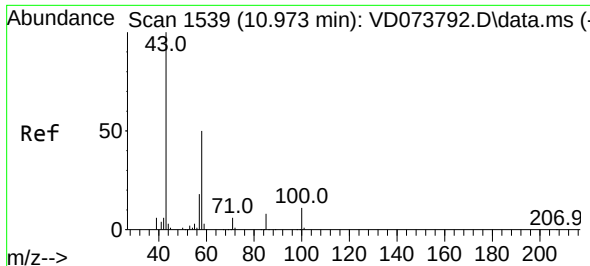
Tgt Ion: 63 Resp: 29592

Ion Ratio Lower Upper

63 100

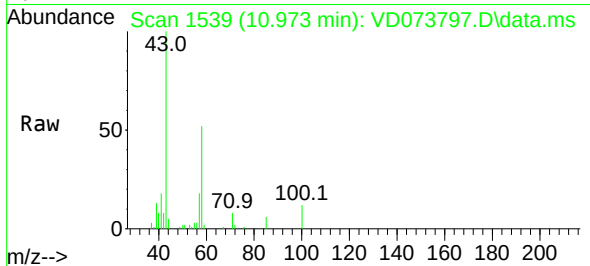
106 28.0 22.2 33.4





#59
2-Hexanone
Concen: 53.541 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD073797.D
Acq: 06 Jul 2022 17:47

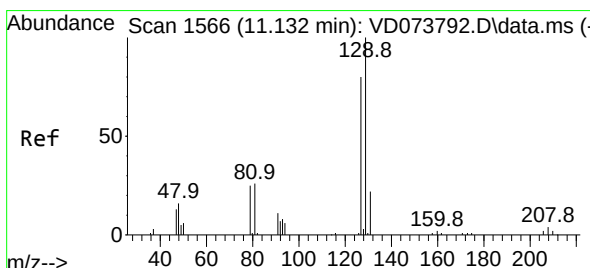
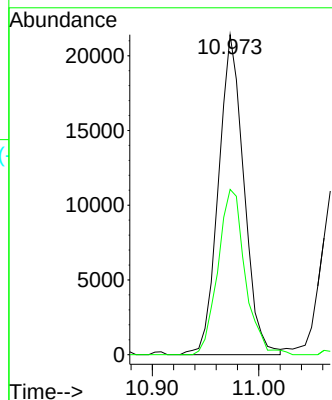
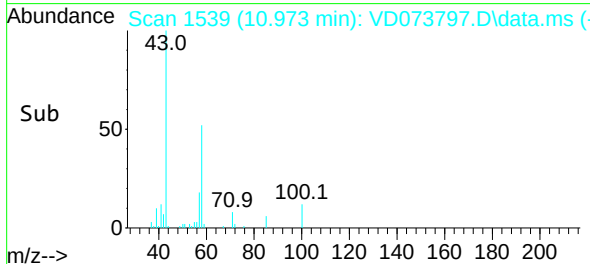
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



Tgt Ion: 43 Resp: 3542
Ion Ratio Lower Upper
43 100
58 55.2 26.2 78.6

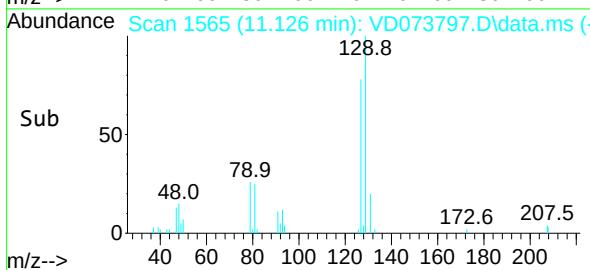
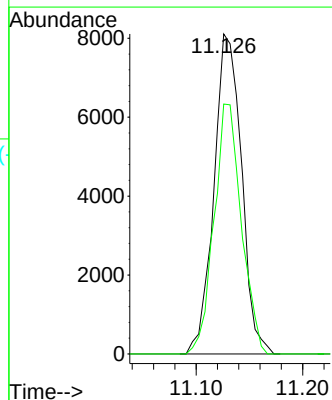
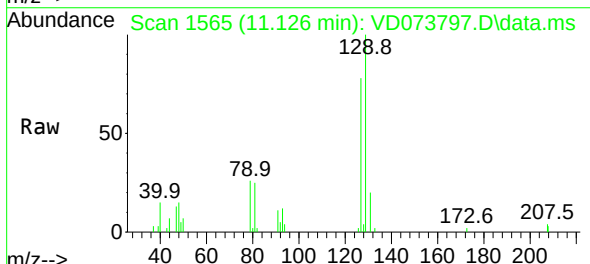
Manual Integrations
APPROVED

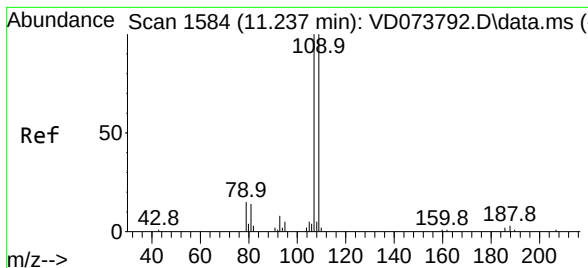
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#60
Dibromochloromethane
Concen: 10.755 ug/l
RT: 11.126 min Scan# 1565
Delta R.T. -0.006 min
Lab File: VD073797.D
Acq: 06 Jul 2022 17:47

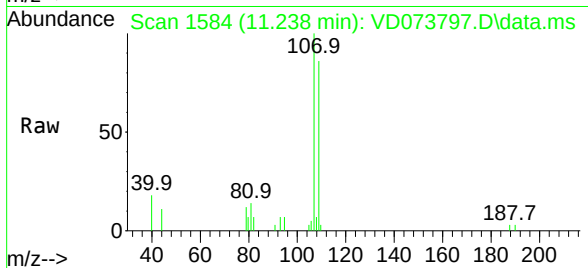
Tgt Ion:129 Resp: 14567
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.5





#61
1,2-Dibromoethane
Concen: 11.148 ug/l
RT: 11.238 min Scan# 11584
Delta R.T. 0.000 min
Lab File: VD073797.D
Acq: 06 Jul 2022 17:47

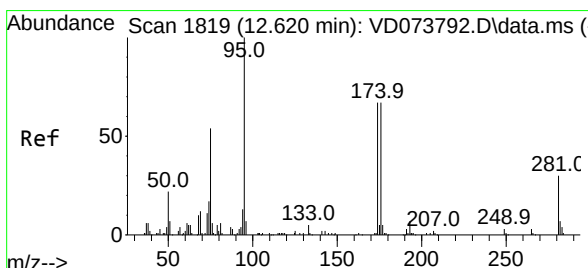
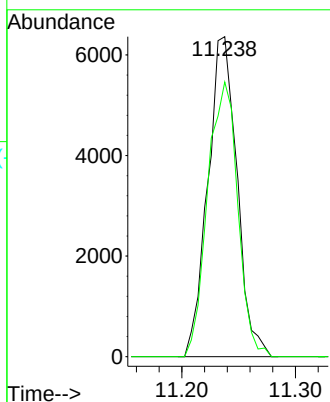
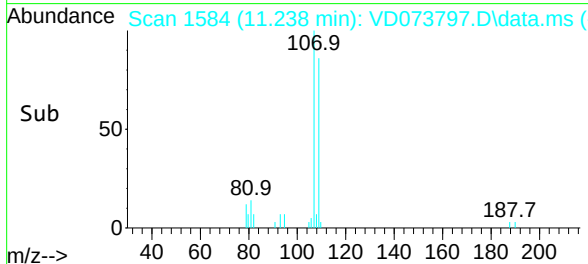
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



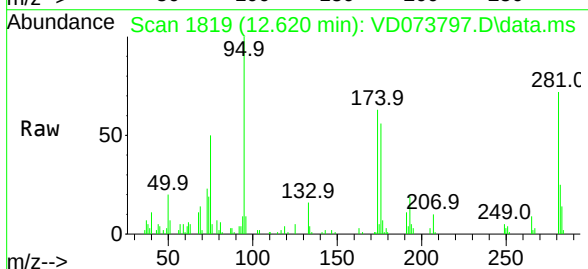
Tgt Ion:107 Resp: 1137
Ion Ratio Lower Upper
107 100
109 88.4 78.6 117.8

Manual Integrations
APPROVED

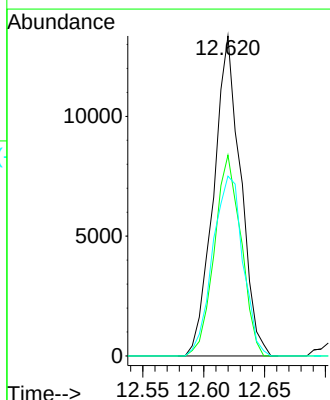
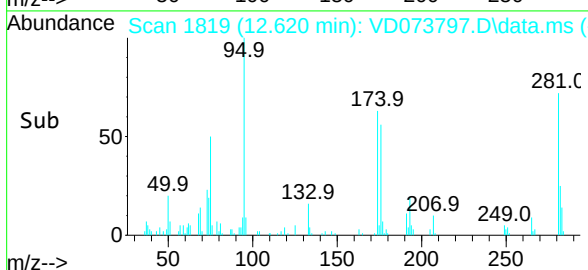
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

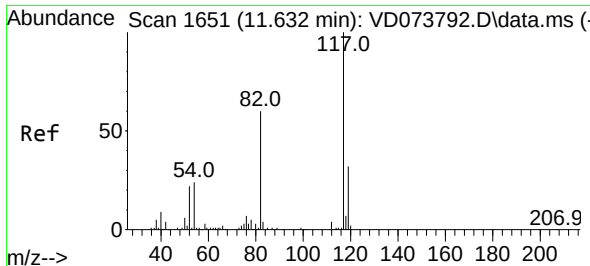


#62
4-Bromofluorobenzene
Concen: 11.889 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073797.D
Acq: 06 Jul 2022 17:47



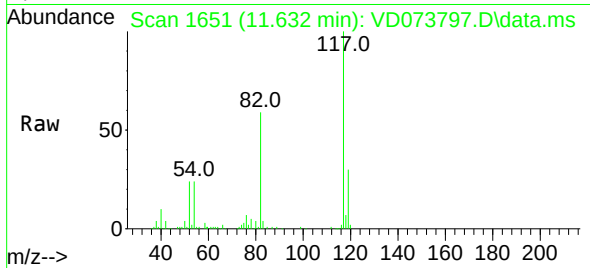
Tgt Ion: 95 Resp: 20638
Ion Ratio Lower Upper
95 100
174 61.8 0.0 132.4
176 62.6 0.0 129.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. 0.000 min
Lab File: VD073797.D
Acq: 06 Jul 2022 17:47

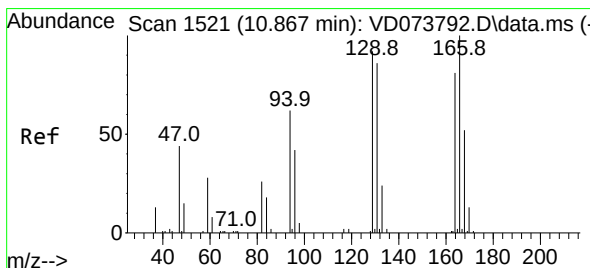
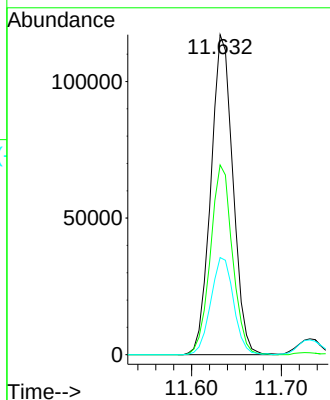
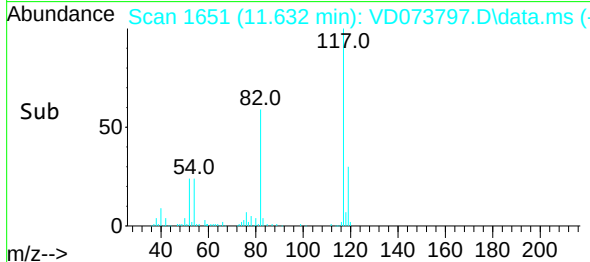
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



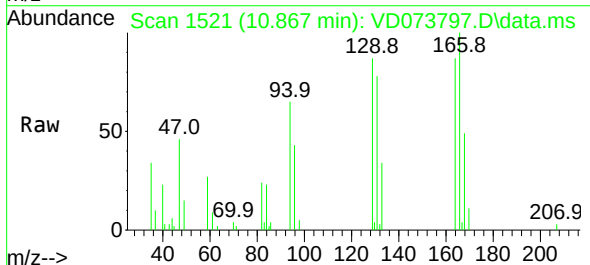
Tgt Ion:117 Resp: 199904
Ion Ratio Lower Upper
117 100
82 59.3 48.2 72.2
119 30.4 25.2 37.8

Manual Integrations
APPROVED

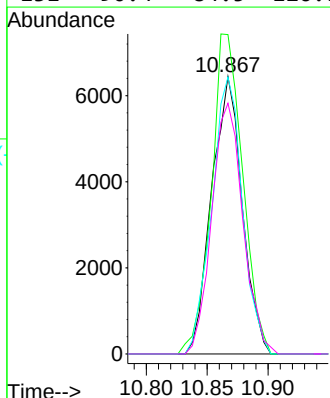
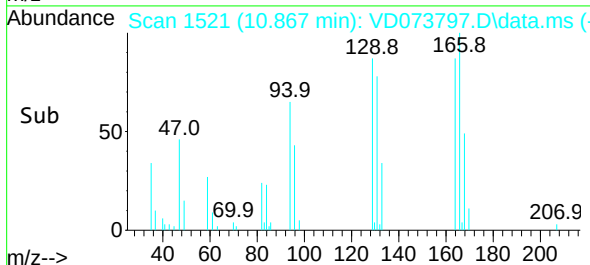
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

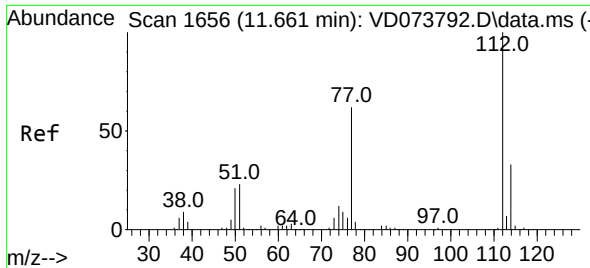


#64
Tetrachloroethene
Concen: 11.015 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD073797.D
Acq: 06 Jul 2022 17:47



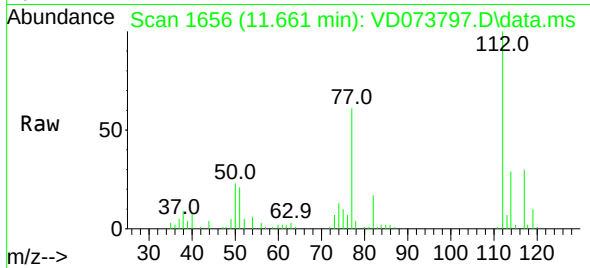
Tgt Ion:164 Resp: 11235
Ion Ratio Lower Upper
164 100
166 115.2 98.8 148.2
129 99.8 91.0 136.4
131 90.4 84.5 126.7





#65
Chlorobenzene
Concen: 10.958 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD073797.D
Acq: 06 Jul 2022 17:47

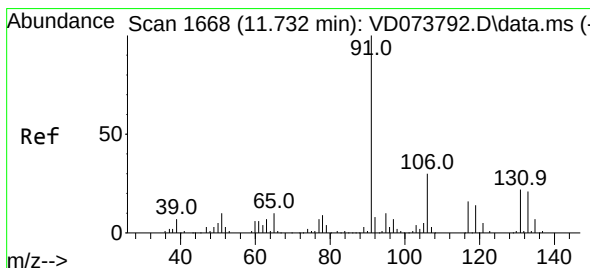
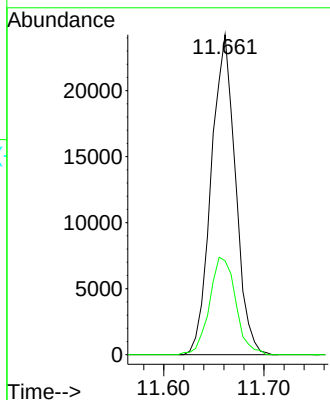
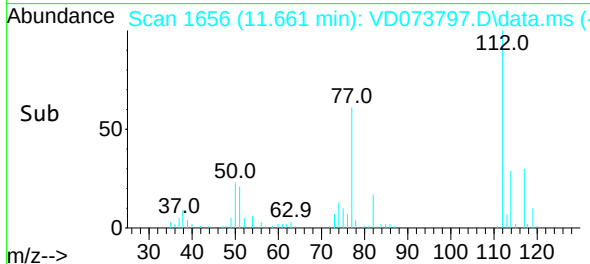
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



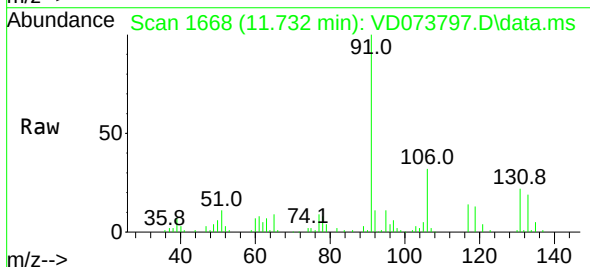
Tgt Ion:112 Resp: 40685
Ion Ratio Lower Upper
112 100
114 29.4 26.6 39.8

Manual Integrations
APPROVED

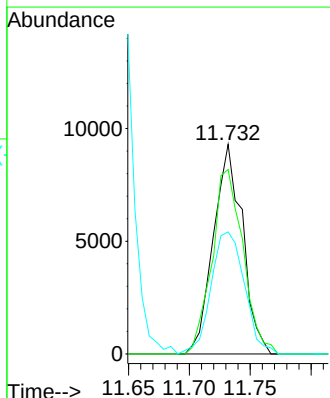
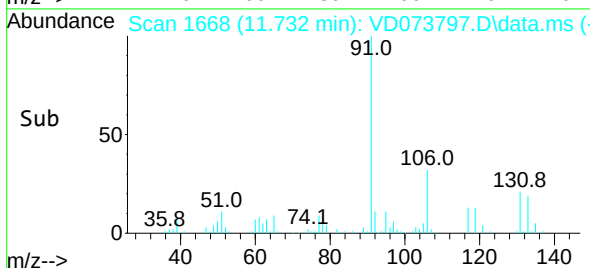
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

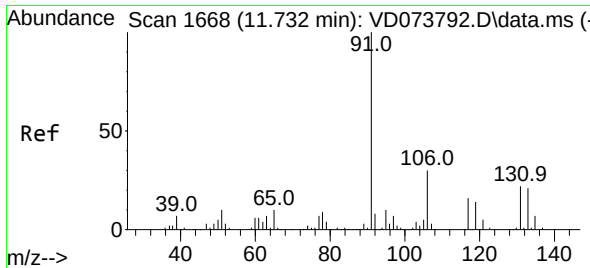


#66
1,1,1,2-Tetrachloroethane
Concen: 10.976 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VD073797.D
Acq: 06 Jul 2022 17:47



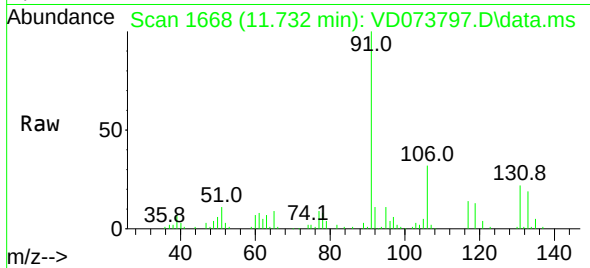
Tgt Ion:131 Resp: 15419
Ion Ratio Lower Upper
131 100
133 94.4 48.4 145.3
119 66.9 33.1 99.3





#67
Ethyl Benzene
Concen: 10.696 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VD073797.D
Acq: 06 Jul 2022 17:47

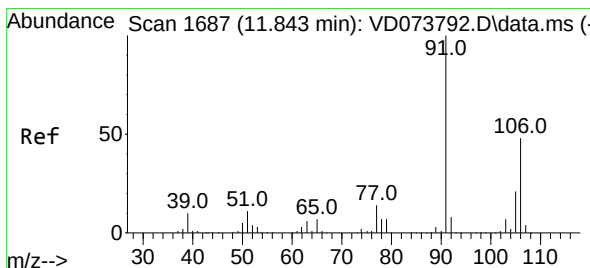
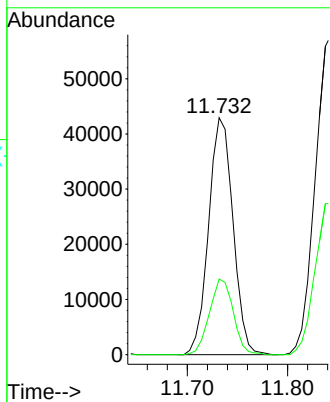
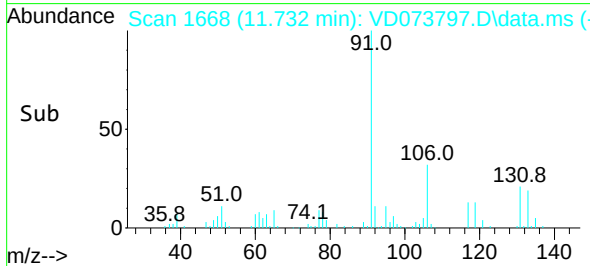
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



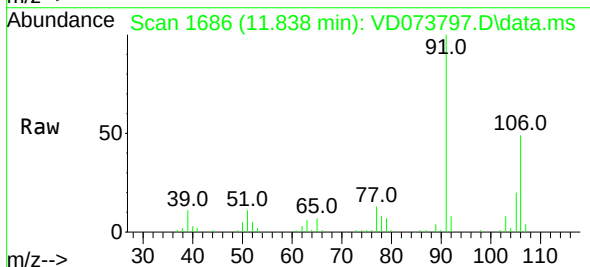
Tgt Ion: 91 Resp: 72638
Ion Ratio Lower Upper
91 100
106 32.0 24.1 36.1

Manual Integrations
APPROVED

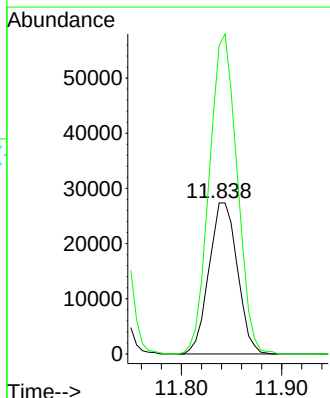
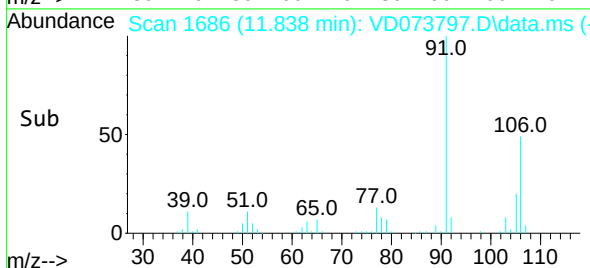
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

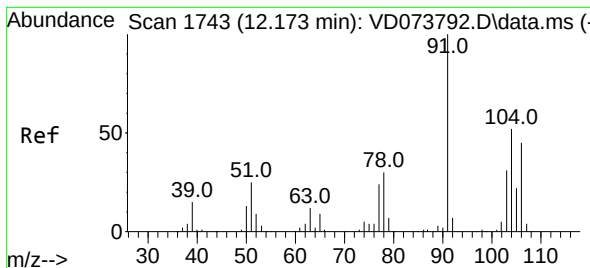


#68
m/p-Xylenes
Concen: 20.820 ug/l
RT: 11.838 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VD073797.D
Acq: 06 Jul 2022 17:47



Tgt Ion:106 Resp: 53881
Ion Ratio Lower Upper
106 100
91 207.9 165.4 248.2





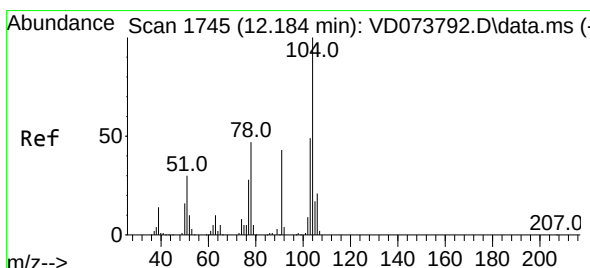
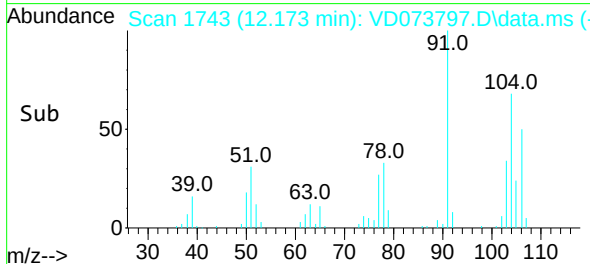
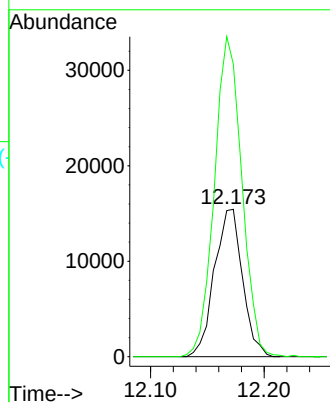
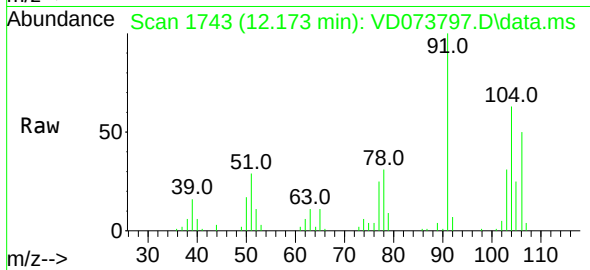
#69
o-Xylene
Concen: 10.486 ug/l
RT: 12.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073797.D
Acq: 06 Jul 2022 17:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion:106 Resp: 2650
Ion Ratio Lower Upper
106 100
91 212.8 112.3 336.8

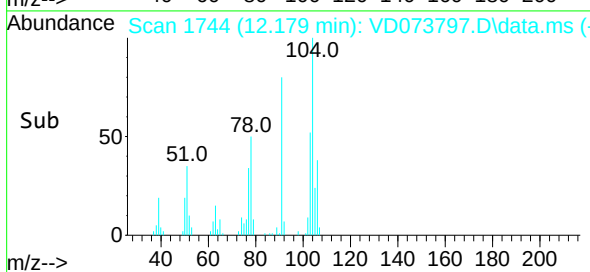
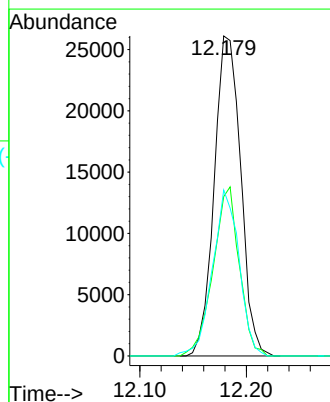
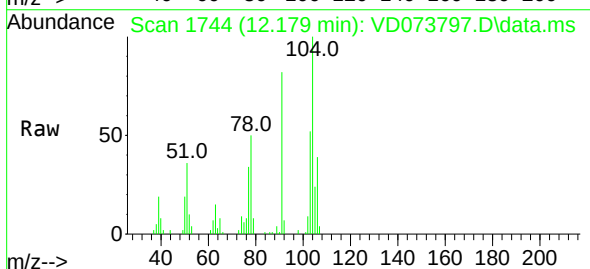
Manual Integrations
APPROVED

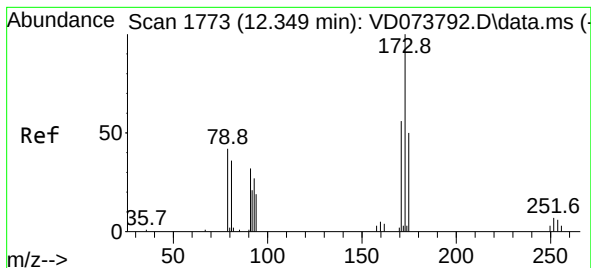
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#70
Styrene
Concen: 10.346 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.006 min
Lab File: VD073797.D
Acq: 06 Jul 2022 17:47

Tgt Ion:104 Resp: 45040
Ion Ratio Lower Upper
104 100
78 52.2 42.2 63.2
103 52.0 43.9 65.9





#71

Bromoform

Concen: 10.276 ug/l

RT: 12.344 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VD073797.D

Acq: 06 Jul 2022 17:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

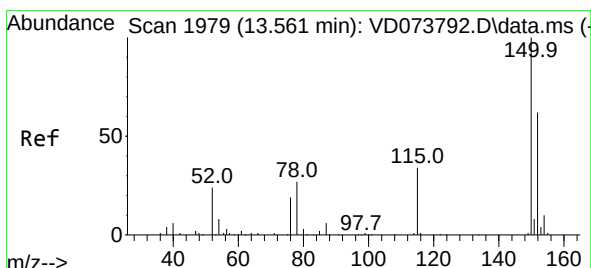
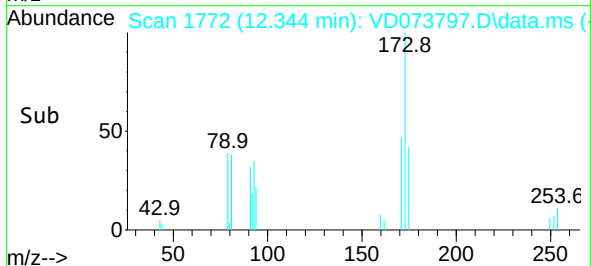
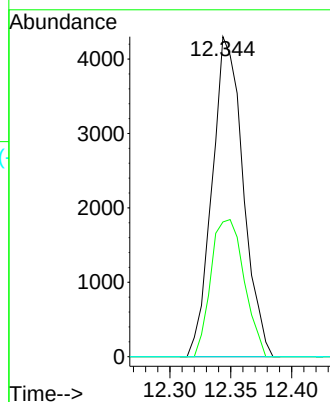
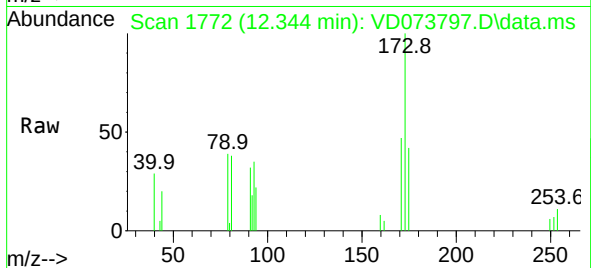
Tgt Ion:	173	Resp:	7614
Ion Ratio	Lower	Upper	
173	100		
175	45.9	23.8	71.5
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

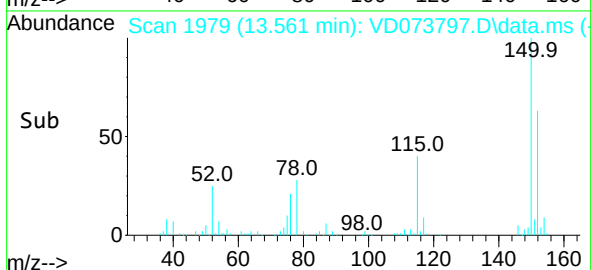
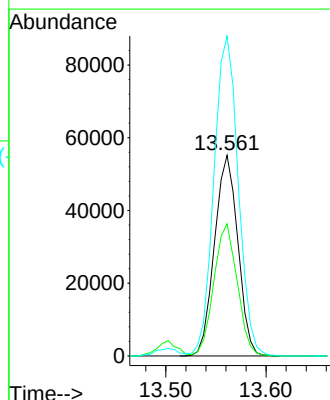
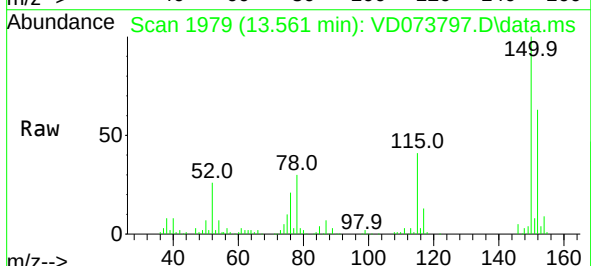
RT: 13.561 min Scan# 1979

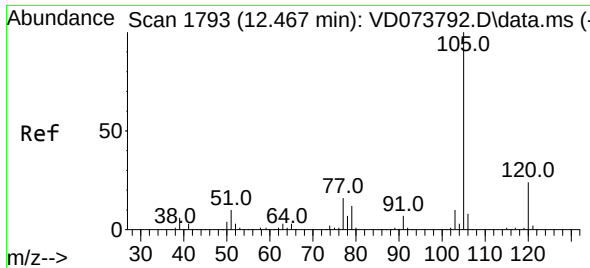
Delta R.T. 0.000 min

Lab File: VD073797.D

Acq: 06 Jul 2022 17:47

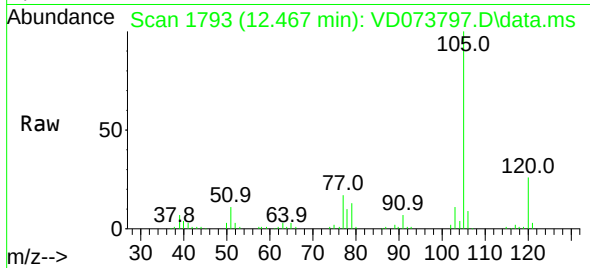
Tgt Ion:	152	Resp:	89174
Ion Ratio	Lower	Upper	
152	100		
115	65.9	32.2	96.6
150	165.8	0.0	353.0





#73
Isopropylbenzene
Concen: 10.444 ug/l
RT: 12.467 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073797.D
Acq: 06 Jul 2022 17:47

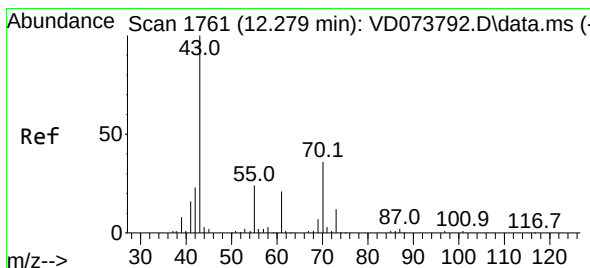
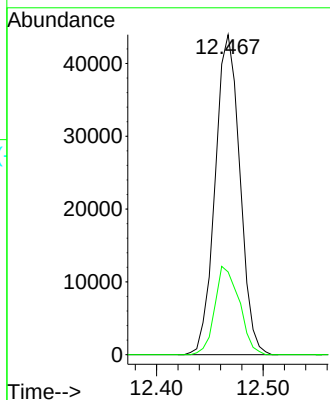
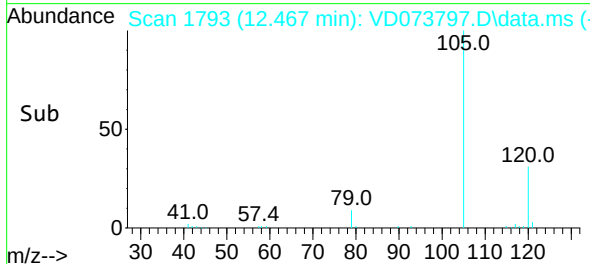
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



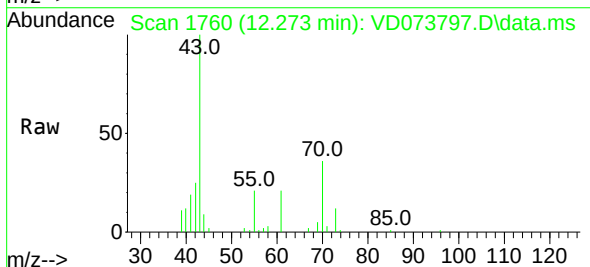
Tgt Ion:105 Resp: 7082
Ion Ratio Lower Upper
105 100
120 27.3 12.9 38.7

Manual Integrations
APPROVED

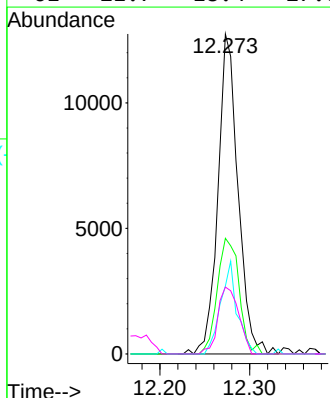
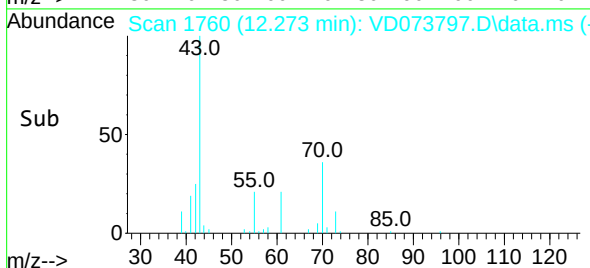
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

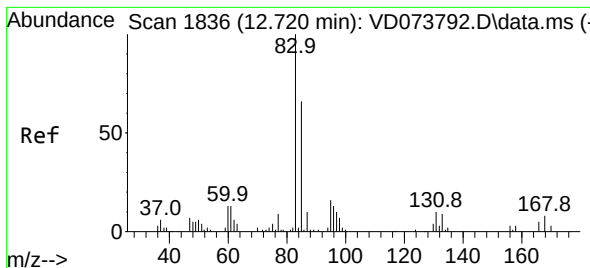


#74
N-ethyl acetate
Concen: 10.648 ug/l
RT: 12.273 min Scan# 1760
Delta R.T. -0.006 min
Lab File: VD073797.D
Acq: 06 Jul 2022 17:47



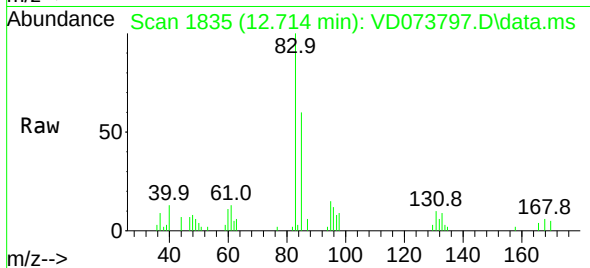
Tgt Ion: 43 Resp: 19824
Ion Ratio Lower Upper
43 100
70 39.1 31.5 47.3
55 23.7 18.5 27.7
61 21.7 18.4 27.6





#75
1,1,2,2-Tetrachloroethane
Concen: 11.084 ug/l
RT: 12.714 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VD073797.D
Acq: 06 Jul 2022 17:47

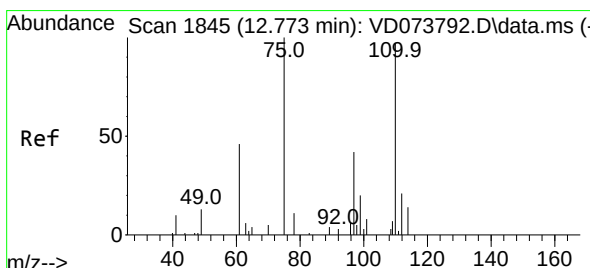
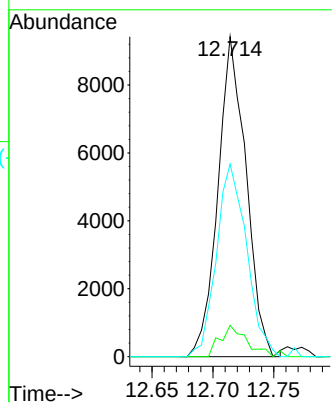
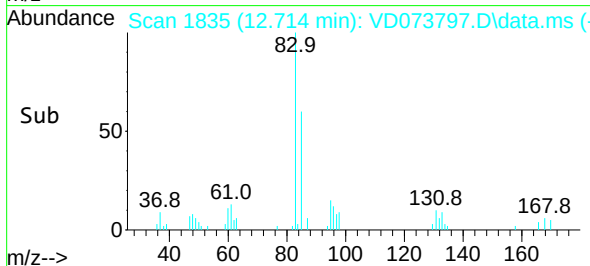
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



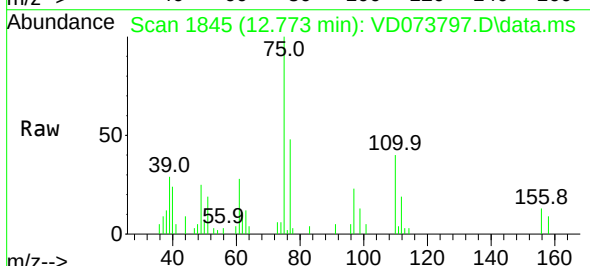
Tgt Ion: 83 Resp: 1516
Ion Ratio Lower Upper
83 100
131 9.5 5.2 15.6
85 64.4 32.0 96.0

Manual Integrations
APPROVED

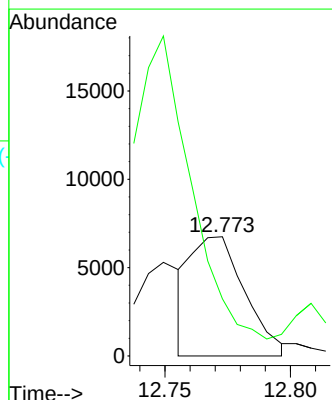
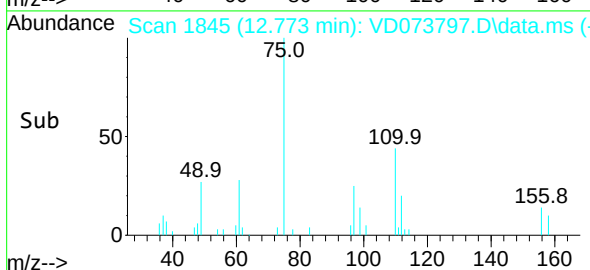
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

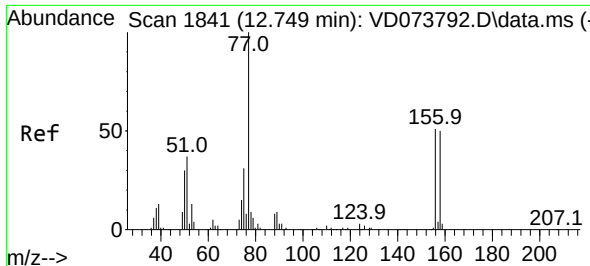


#76
1,2,3-Trichloropropane
Concen: 11.943 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VD073797.D
Acq: 06 Jul 2022 17:47



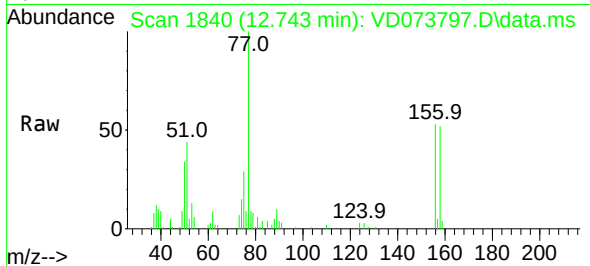
Tgt Ion: 75 Resp: 10122
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 11.066 ug/l
RT: 12.743 min Scan# 1840
Delta R.T. -0.006 min
Lab File: VD073797.D
Acq: 06 Jul 2022 17:47

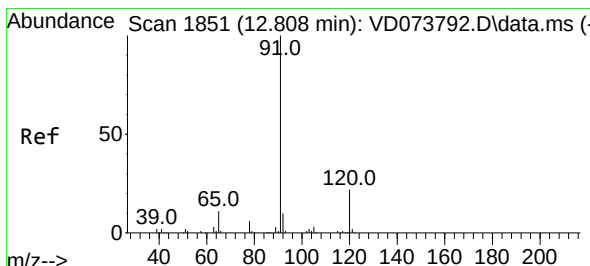
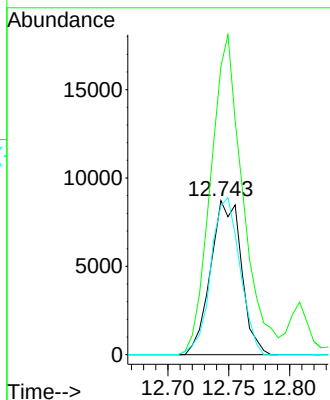
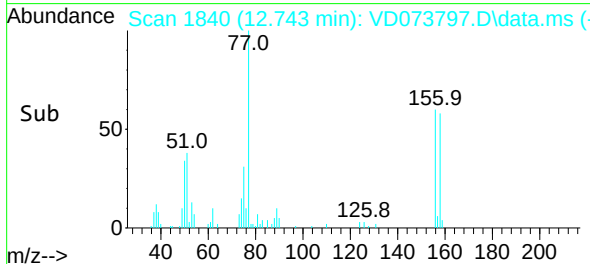
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



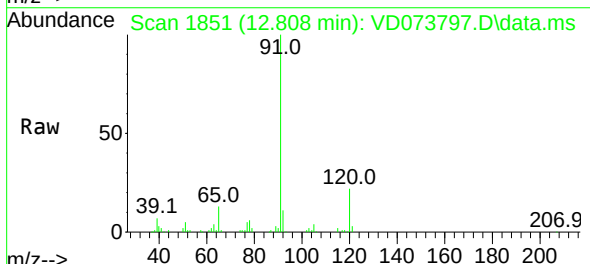
Tgt Ion:156 Resp: 1535
Ion Ratio Lower Upper
156 100
77 216.1 110.8 332.4
158 96.3 49.1 147.3

Manual Integrations
APPROVED

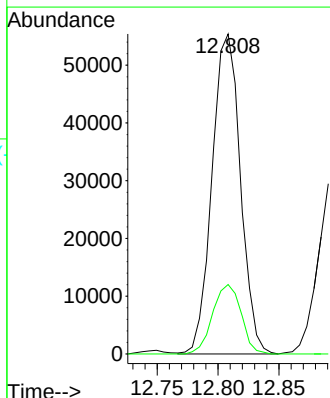
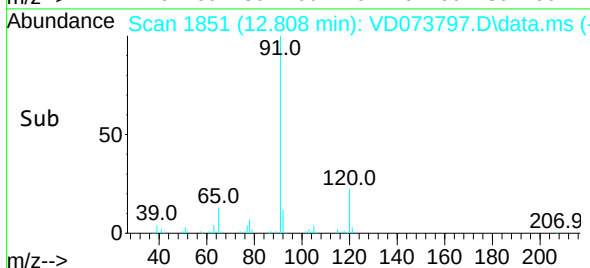
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

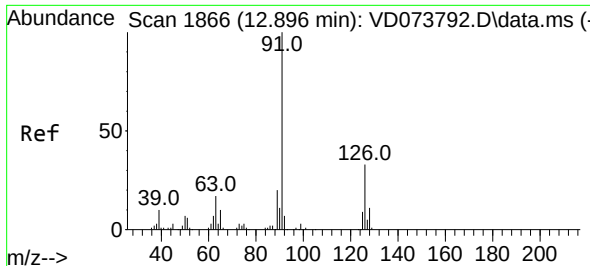


#78
n-propylbenzene
Concen: 10.622 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073797.D
Acq: 06 Jul 2022 17:47



Tgt Ion: 91 Resp: 90001
Ion Ratio Lower Upper
91 100
120 21.7 10.9 32.7





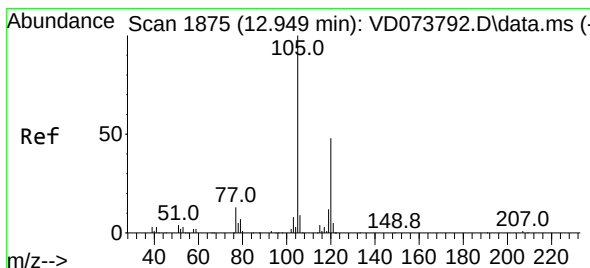
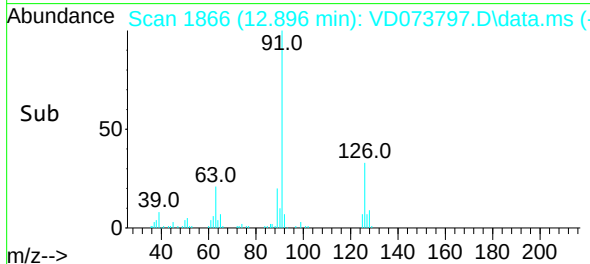
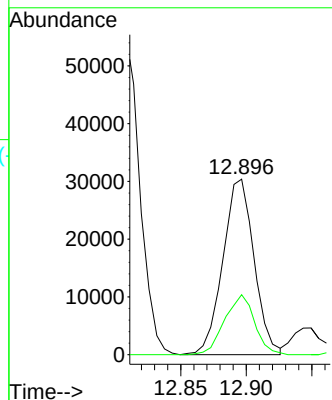
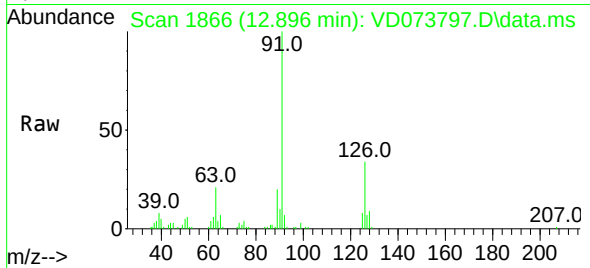
#79
2-Chlorotoluene
Concen: 10.589 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD073797.D
Acq: 06 Jul 2022 17:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 50349
Ion Ratio Lower Upper
91 100
126 32.9 16.1 48.2

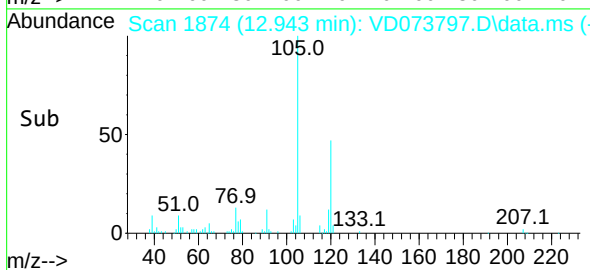
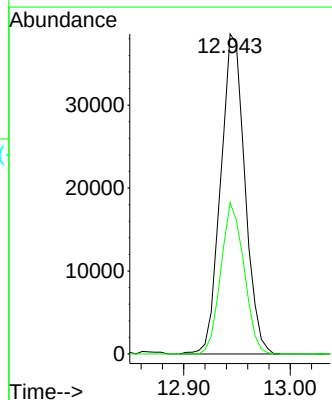
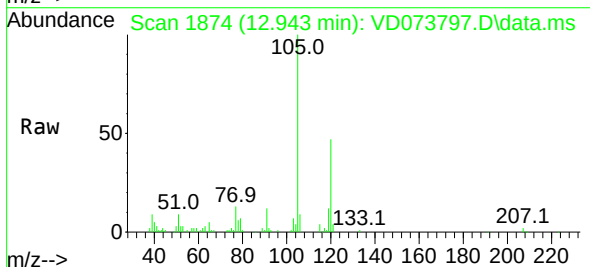
Manual Integrations
APPROVED

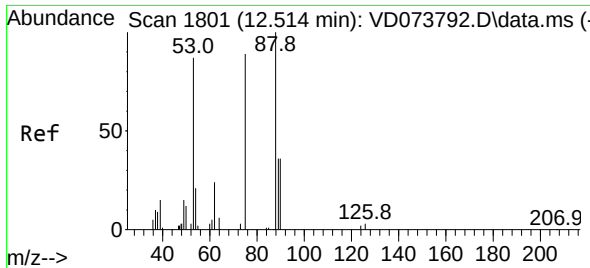
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#80
1,3,5-Trimethylbenzene
Concen: 10.749 ug/l
RT: 12.943 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VD073797.D
Acq: 06 Jul 2022 17:47

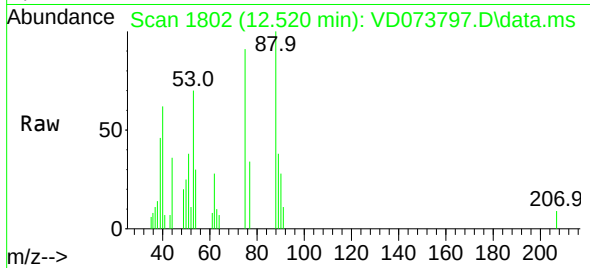
Tgt Ion:105 Resp: 60759
Ion Ratio Lower Upper
105 100
120 45.2 23.8 71.4





#81
trans-1,4-Dichloro-2-butene
Concen: 8.996 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.006 min
Lab File: VD073797.D
Acq: 06 Jul 2022 17:47

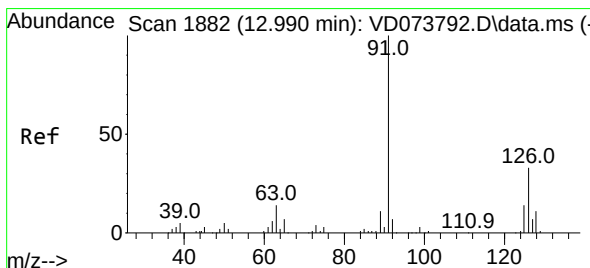
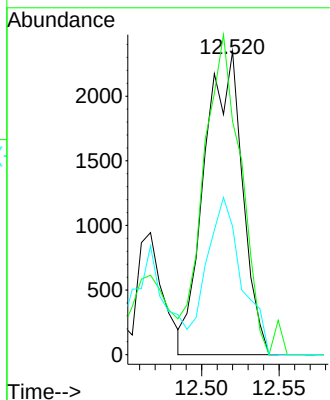
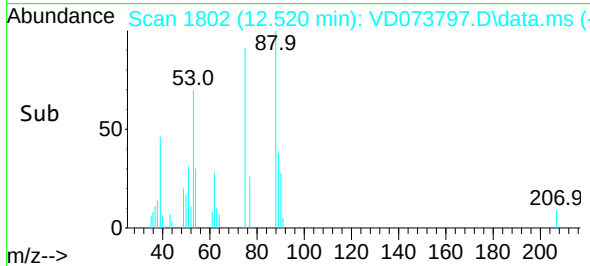
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



Tgt Ion: 75 Resp: 3970
Ion Ratio Lower Upper
75 100
53 103.0 77.6 116.4
89 48.3 37.2 55.8

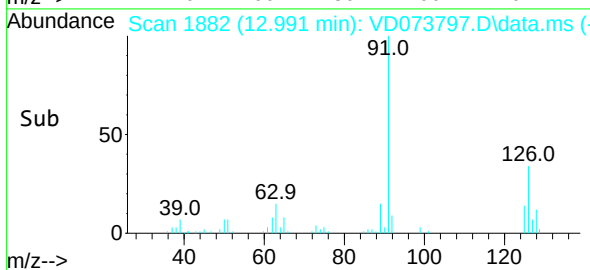
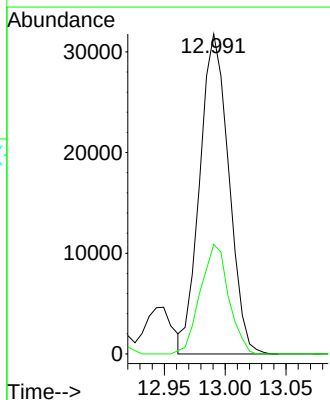
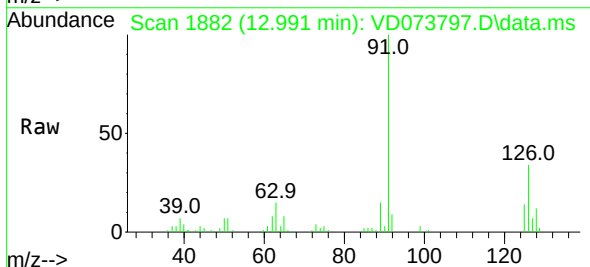
Manual Integrations
APPROVED

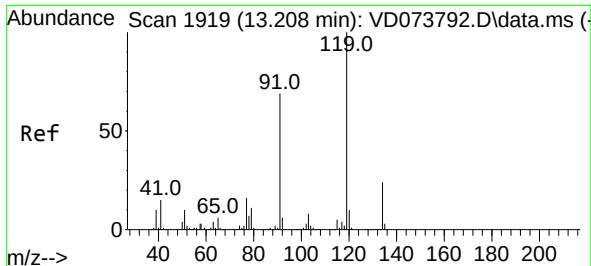
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#82
4-Chlorotoluene
Concen: 10.615 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VD073797.D
Acq: 06 Jul 2022 17:47

Tgt Ion: 91 Resp: 52555
Ion Ratio Lower Upper
91 100
126 33.5 16.1 48.2





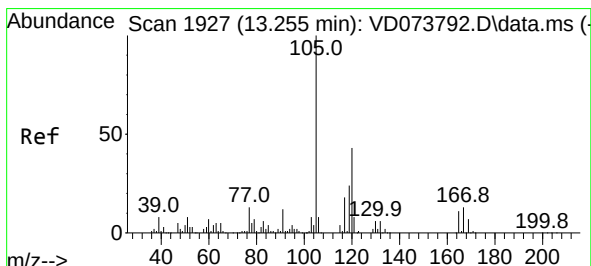
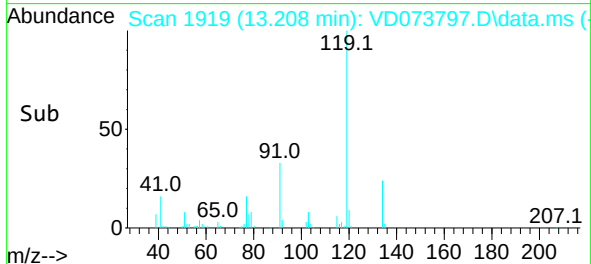
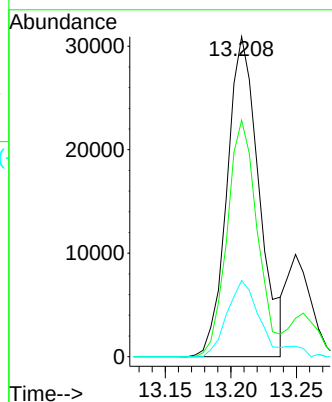
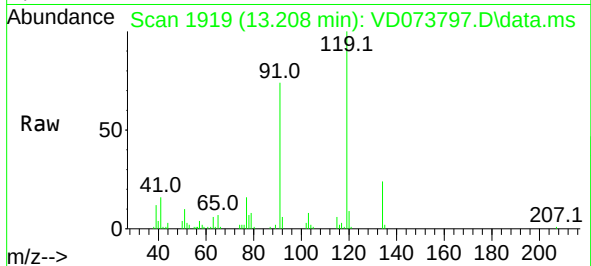
#83
tert-Butylbenzene
Concen: 10.497 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD073797.D
Acq: 06 Jul 2022 17:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion:119 Resp: 5269
Ion Ratio Lower Upper
119 100
91 69.8 33.7 101.1
134 23.3 12.4 37.0

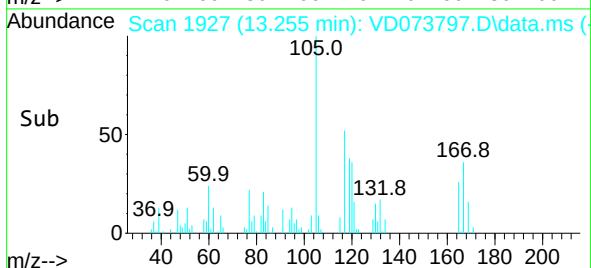
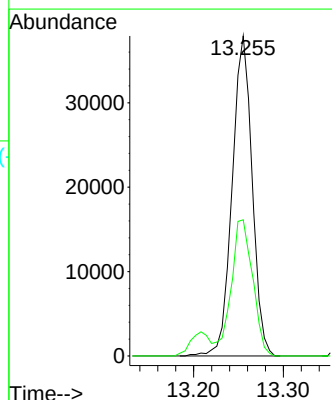
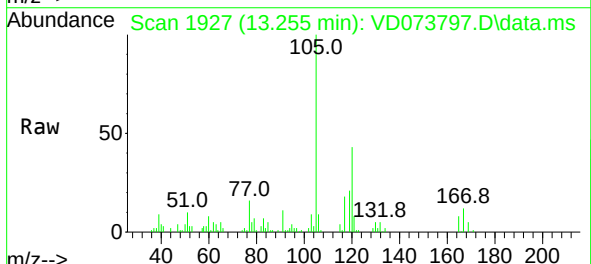
Manual Integrations
APPROVED

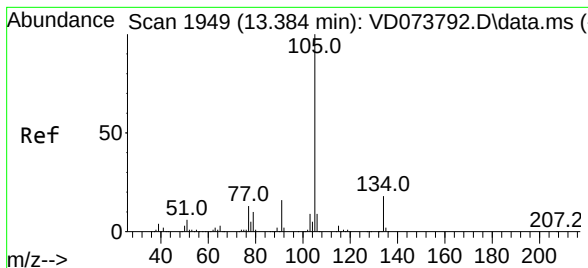
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#84
1,2,4-Trimethylbenzene
Concen: 10.508 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD073797.D
Acq: 06 Jul 2022 17:47

Tgt Ion:105 Resp: 58596
Ion Ratio Lower Upper
105 100
120 46.0 22.1 66.5





#85

sec-Butylbenzene

Concen: 10.464 ug/l

RT: 13.385 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VD073797.D

Acq: 06 Jul 2022 17:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tgt Ion:105 Resp: 80610

Ion Ratio Lower Upper

105 100

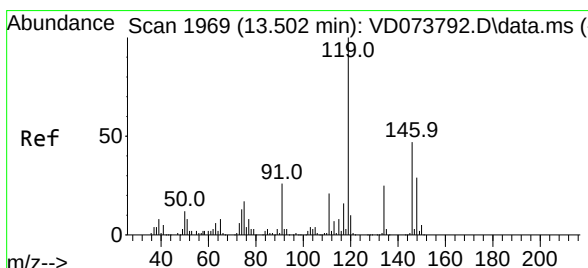
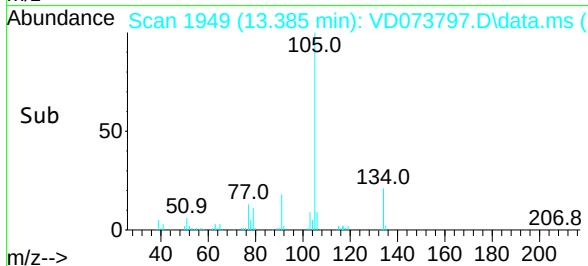
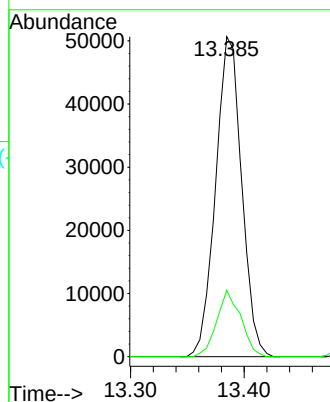
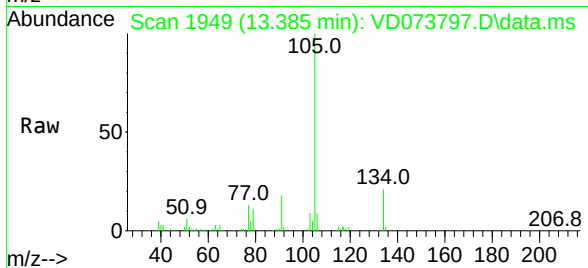
134 19.2 9.4 28.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#86

p-Isopropyltoluene

Concen: 10.368 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD073797.D

Acq: 06 Jul 2022 17:47

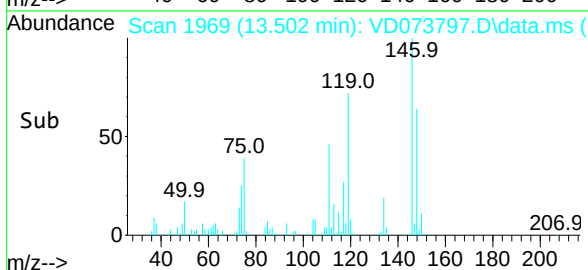
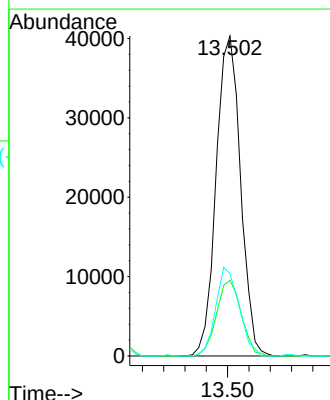
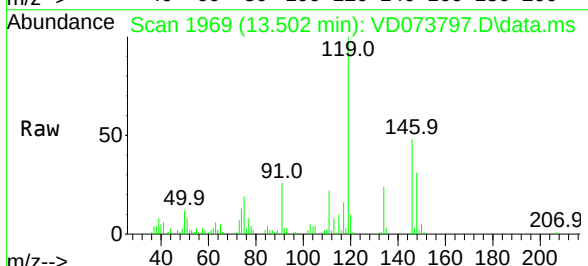
Tgt Ion:119 Resp: 64018

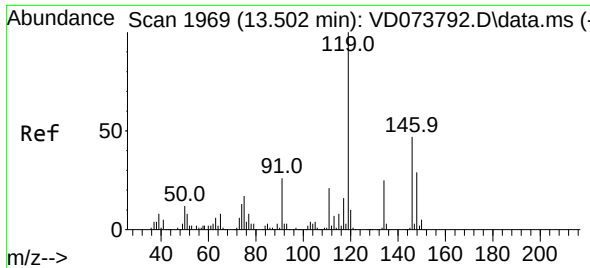
Ion Ratio Lower Upper

119 100

134 24.0 12.7 38.1

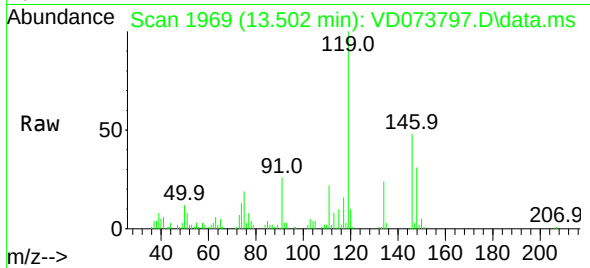
91 26.5 13.2 39.6





#87
1,3-Dichlorobenzene
Concen: 10.684 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD073797.D
Acq: 06 Jul 2022 17:47

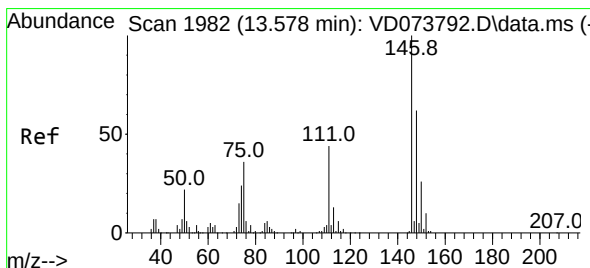
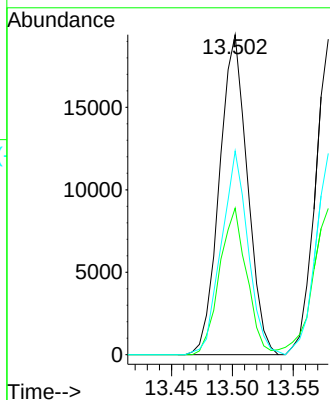
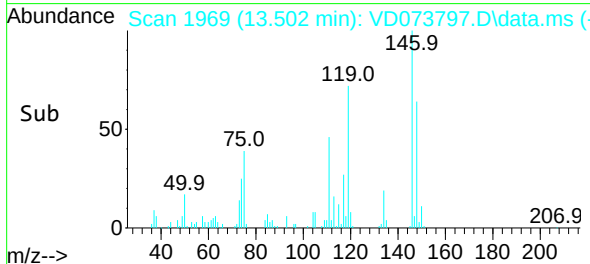
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



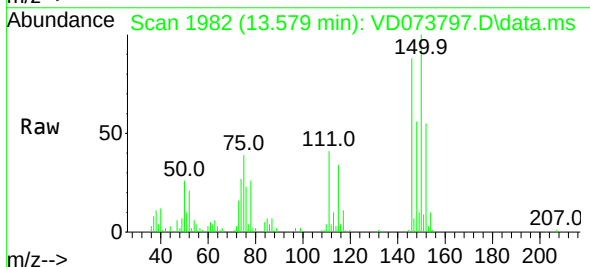
Tgt Ion:146 Resp: 31060
Ion Ratio Lower Upper
146 100
111 44.4 21.6 65.0
148 60.7 31.5 94.5

Manual Integrations
APPROVED

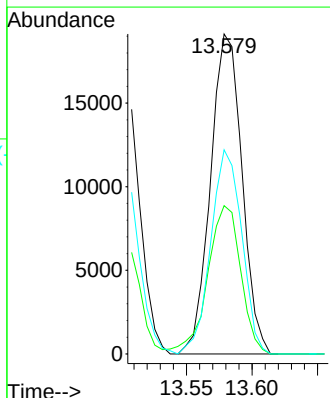
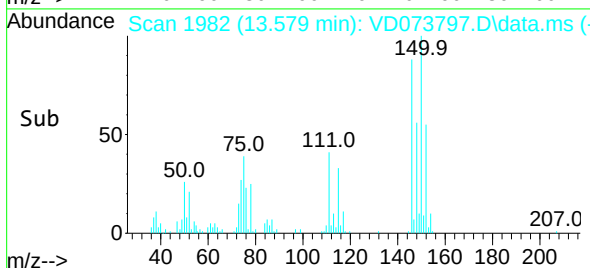
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

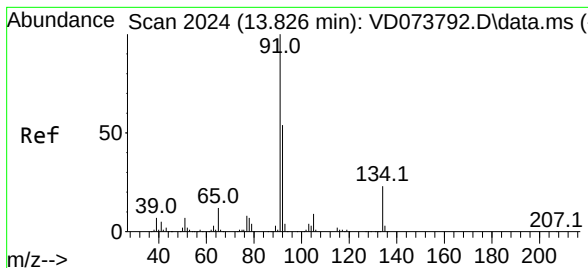


#88
1,4-Dichlorobenzene
Concen: 11.034 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VD073797.D
Acq: 06 Jul 2022 17:47



Tgt Ion:146 Resp: 31971
Ion Ratio Lower Upper
146 100
111 48.8 21.6 64.6
148 62.8 31.4 94.0





#89

n-Butylbenzene

Concen: 10.599 ug/l

RT: 13.826 min Scan# 2024

Delta R.T. 0.000 min

Lab File: VD073797.D

Acq: 06 Jul 2022 17:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

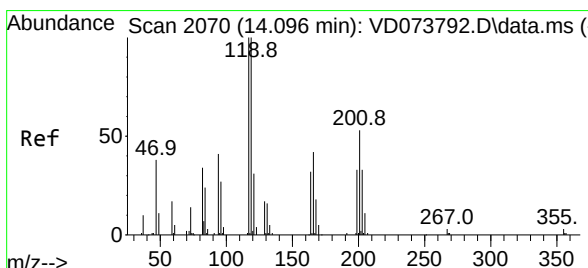
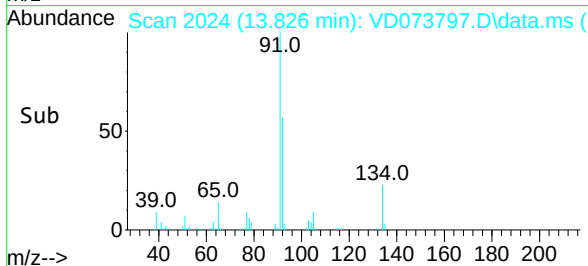
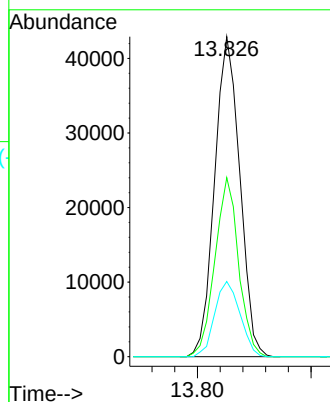
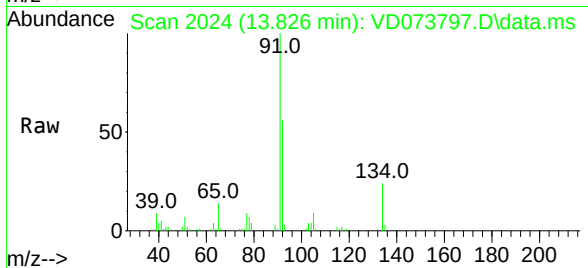
Tgt Ion: 91	Resp: 66028
Ion Ratio	Lower Upper
91 100	
92 52.6	26.9 80.6
134 23.6	11.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#90

Hexachloroethane

Concen: 10.323 ug/l

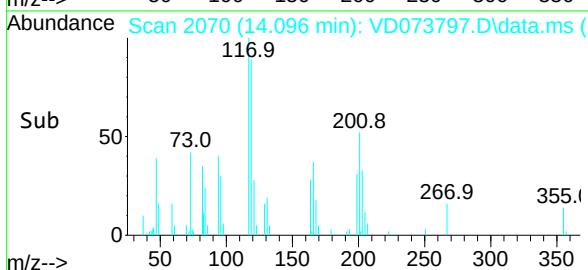
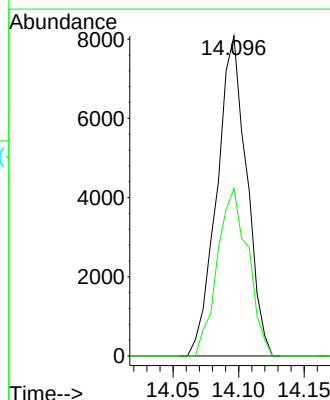
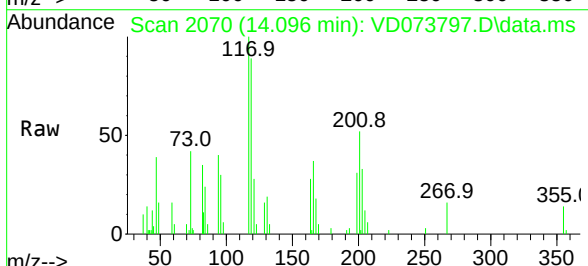
RT: 14.096 min Scan# 2070

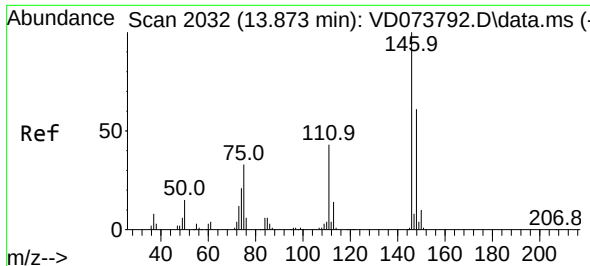
Delta R.T. 0.000 min

Lab File: VD073797.D

Acq: 06 Jul 2022 17:47

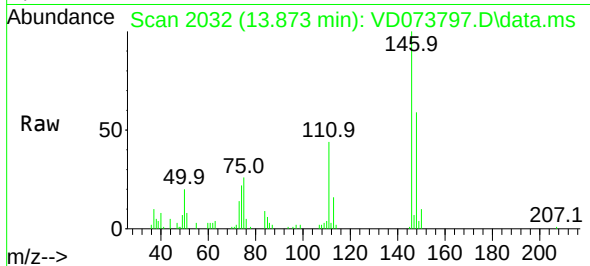
Tgt Ion: 117	Resp: 12743
Ion Ratio	Lower Upper
117 100	
201 54.1	26.6 79.8





#91
1,2-Dichlorobenzene
Concen: 10.542 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD073797.D
Acq: 06 Jul 2022 17:47

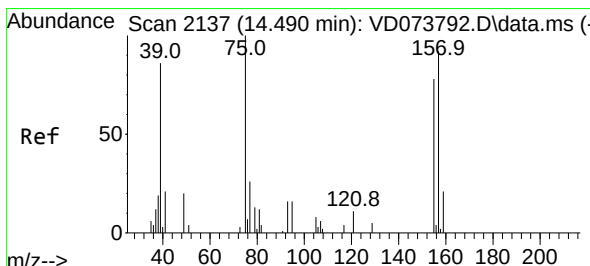
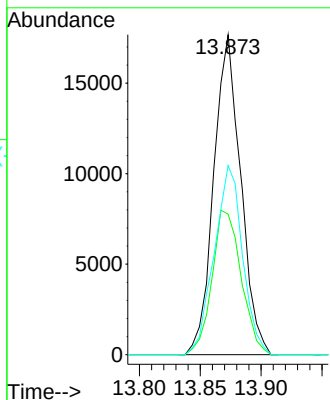
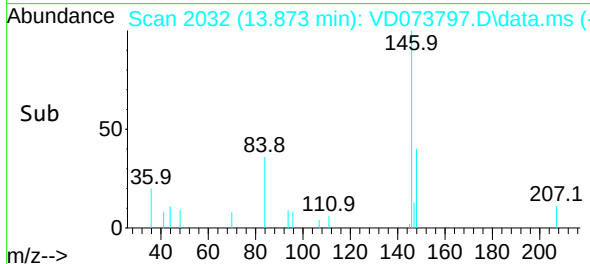
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



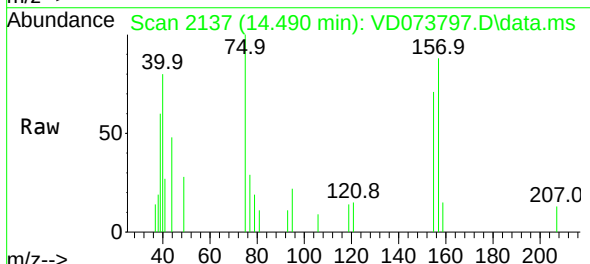
Tgt Ion:146 Resp: 2725
Ion Ratio Lower Upper
146 100
111 48.7 22.3 66.9
148 62.1 31.4 94.2

Manual Integrations
APPROVED

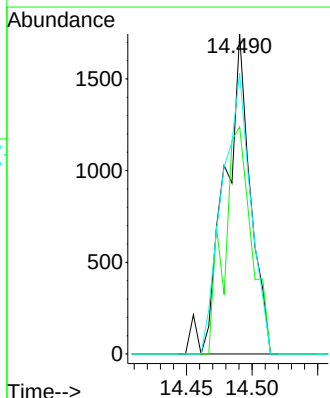
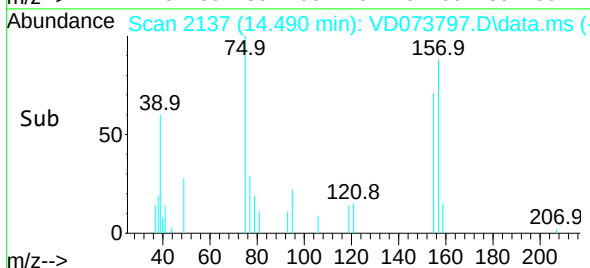
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

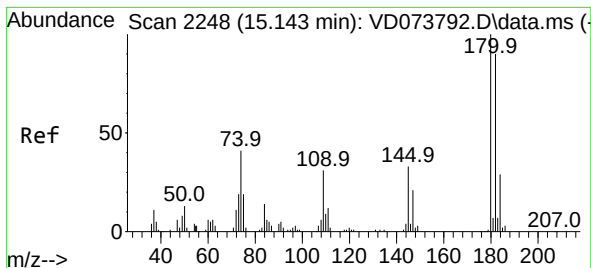


#92
1,2-Dibromo-3-Chloropropane
Concen: 10.443 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VD073797.D
Acq: 06 Jul 2022 17:47



Tgt Ion: 75 Resp: 2390
Ion Ratio Lower Upper
75 100
155 74.9 36.4 109.3
157 96.9 43.5 130.4





#93

1,2,4-Trichlorobenzene

Concen: 10.581 ug/l

RT: 15.143 min Scan# 2248

Delta R.T. 0.000 min

Lab File: VD073797.D

Acq: 06 Jul 2022 17:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

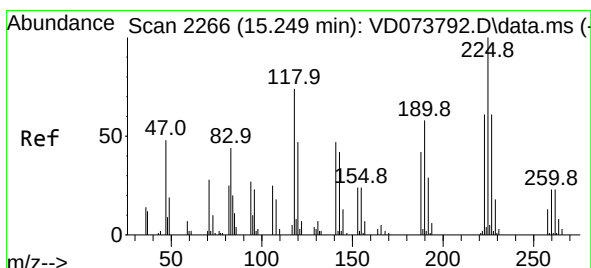
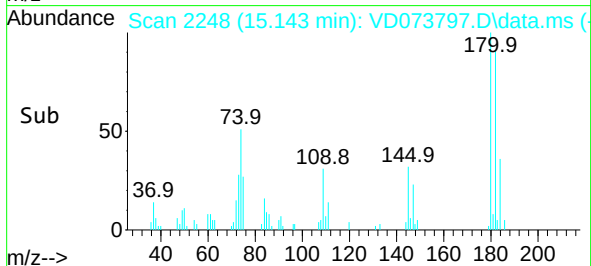
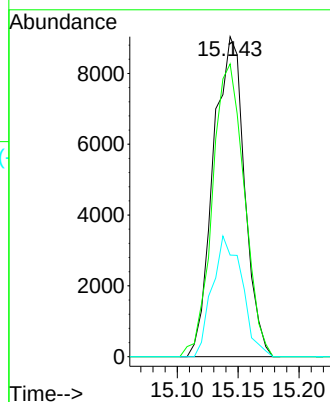
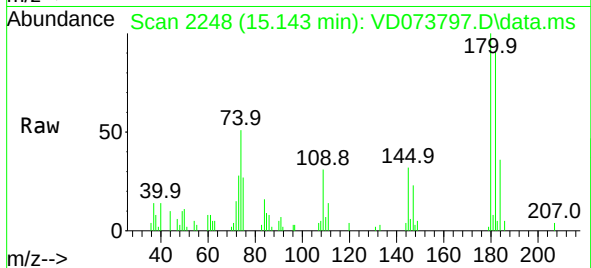
Tgt Ion:	180	Resp:	16098
Ion Ratio	Lower	Upper	
180	100		
182	93.4	46.9	140.6
145	36.0	17.5	52.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#94

Hexachlorobutadiene

Concen: 10.173 ug/l

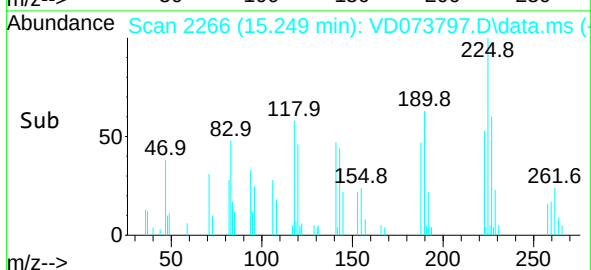
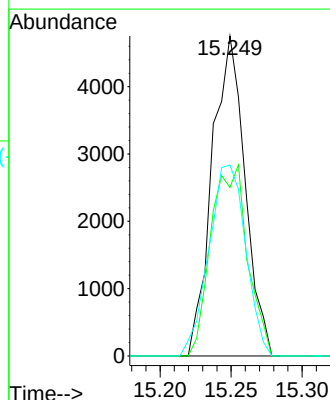
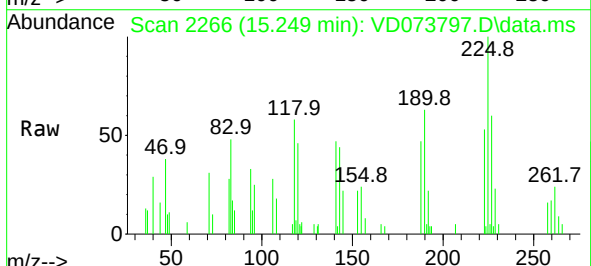
RT: 15.249 min Scan# 2266

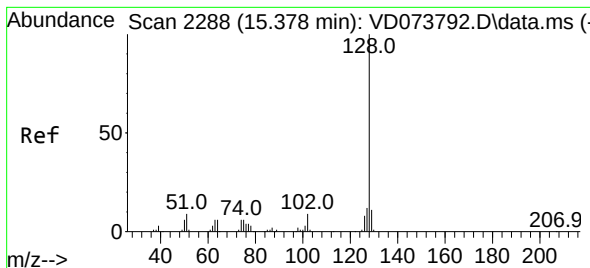
Delta R.T. 0.000 min

Lab File: VD073797.D

Acq: 06 Jul 2022 17:47

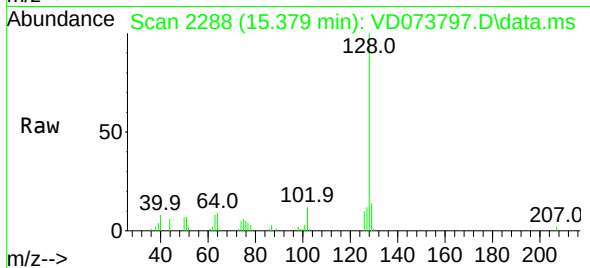
Tgt Ion:	225	Resp:	7642
Ion Ratio	Lower	Upper	
225	100		
223	66.2	31.5	94.5
227	66.9	31.6	94.7





#95
Naphthalene
Concen: 10.310 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. 0.000 min
Lab File: VD073797.D
Acq: 06 Jul 2022 17:47

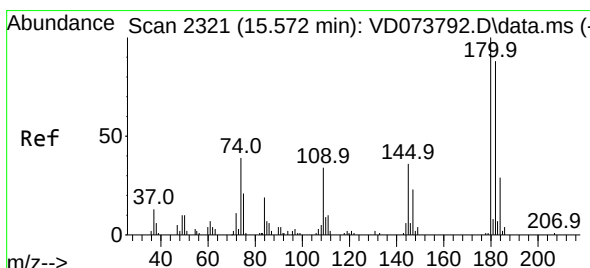
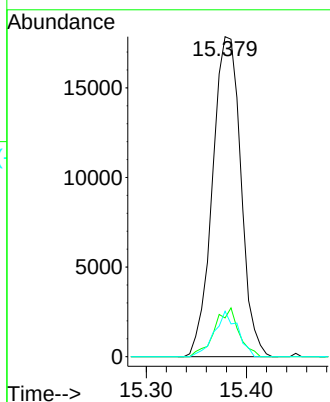
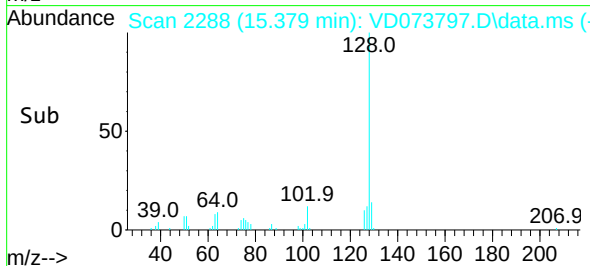
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



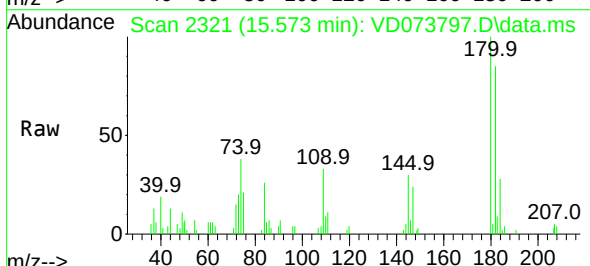
Tgt Ion:128 Resp: 3503
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 11.7 8.8 13.2

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 10.379 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. 0.000 min
Lab File: VD073797.D
Acq: 06 Jul 2022 17:47



Tgt Ion:180 Resp: 13815
Ion Ratio Lower Upper
180 100
182 97.9 46.0 138.0
145 37.0 18.1 54.4

