

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070622\
 Data File : VD073796.D
 Acq On : 06 Jul 2022 17:17
 Operator : VA/SY
 Sample : VSTDICC005
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

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

Quant Time: Jul 07 04:58:59 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	115241	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	226940	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	207031	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	92898	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	8981	7.733	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery =	15.460%#		
35) Dibromofluoromethane	7.909	113	8131	6.514	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	13.020%#		
50) Toluene-d8	10.332	98	28433	6.267	ug/l	0.00
Spiked Amount 50.000	Range 78 - 12		Recovery =	12.540%#		
62) 4-Bromofluorobenzene	12.620	95	11952	6.632	ug/l	0.00
Spiked Amount 50.000	Range 50 - 14		Recovery =	13.260%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	5523	7.747	ug/l	88
3) Chloromethane	2.209	50	6935	8.354	ug/l #	83
4) Vinyl Chloride	2.338	62	7771	8.251	ug/l	96
5) Bromomethane	2.750	94	7531	11.212	ug/l	98
6) Chloroethane	2.909	64	6032	8.684	ug/l	96
7) Trichlorofluoromethane	3.262	101	12446	7.413	ug/l	96
8) Diethyl Ether	3.709	74	3481	6.209	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.091	101	7424	6.747	ug/l	99
10) Methyl Iodide	4.291	142	4504	5.819	ug/l	95
11) Tert butyl alcohol	5.173	59	36162	125.201	ug/l #	95
12) 1,1-Dichloroethene	4.056	96	5943	6.313	ug/l #	76
13) Acrolein	3.938	56	312	7.299	ug/l #	15
14) Allyl chloride	4.703	41	10899	6.640	ug/l	97
15) Acrylonitrile	5.420	53	9091	29.407	ug/l #	81
16) Acetone	4.150	43	11077	46.051	ug/l	98
17) Carbon Disulfide	4.403	76	10093	6.817	ug/l	97
18) Methyl Acetate	4.709	43	9752	10.472	ug/l #	90
19) Methyl tert-butyl Ether	5.473	73	20050	6.432	ug/l	100
20) Methylene Chloride	4.956	84	31031	20.167	ug/l	85
21) trans-1,2-Dichloroethene	5.479	96	6918	6.481	ug/l #	75
22) Diisopropyl ether	6.356	45	25587	6.138	ug/l	98
23) Vinyl Acetate	6.297	43	55732	26.154	ug/l	97
24) 1,1-Dichloroethane	6.250	63	15288	6.564	ug/l #	91
25) 2-Butanone	7.209	43	15486	38.633	ug/l	93
26) 2,2-Dichloropropane	7.197	77	15389	7.233	ug/l	93
27) cis-1,2-Dichloroethene	7.203	96	9595	6.597	ug/l	96
28) Bromochloromethane	7.538	49	6249	7.014	ug/l #	98
29) Tetrahydrofuran	7.556	42	7582	30.306	ug/l	97
30) Chloroform	7.697	83	16831	6.763	ug/l	97
31) Cyclohexane	7.973	56	13622	7.600	ug/l #	77
32) 1,1,1-Trichloroethane	7.897	97	14830	6.843	ug/l	99
36) 1,1-Dichloropropene	8.103	75	10403	6.056	ug/l	96
37) Ethyl Acetate	7.291	43	6256	6.753	ug/l #	90
38) Carbon Tetrachloride	8.085	117	12154	6.511	ug/l	87
39) Methylcyclohexane	9.350	83	11431	5.931	ug/l	92
40) Benzene	8.344	78	30949	6.060	ug/l	98

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Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Manual Integrations
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	3716	6.386	ug/l #	84
42) 1,2-Dichloroethane	8.420	62	10215	6.469	ug/l	96
43) Isopropyl Acetate	8.450	43	11657	5.904	ug/l #	81
44) Trichloroethene	9.103	130	8866	6.596	ug/l	80
45) 1,2-Dichloropropane	9.379	63	8318	5.678	ug/l	100
46) Dibromomethane	9.473	93	5169	6.668	ug/l	93
47) Bromodichloromethane	9.650	83	13412	6.388	ug/l #	96
48) Methyl methacrylate	9.450	41	5536	6.271	ug/l	96
49) 1,4-Dioxane	9.456	88	1019	97.592	ug/l #	81
51) 4-Methyl-2-Pentanone	10.226	43	29567	29.222	ug/l	99
52) Toluene	10.391	92	19345	5.678	ug/l	93
53) t-1,3-Dichloropropene	10.608	75	12151	5.928	ug/l	97
54) cis-1,3-Dichloropropene	10.079	75	13797	5.984	ug/l	93
55) 1,1,2-Trichloroethane	10.791	97	6698	5.812	ug/l	91
56) Ethyl methacrylate	10.650	69	7880	5.177	ug/l	98
57) 1,3-Dichloropropane	10.938	76	11199	5.761	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	17740	29.138	ug/l	100
59) 2-Hexanone	10.979	43	20290	29.535	ug/l	99
60) Dibromochloromethane	11.126	129	8152	5.797	ug/l	100
61) 1,2-Dibromoethane	11.238	107	5980	5.646	ug/l	95
64) Tetrachloroethene	10.873	164	7055	6.679	ug/l	91
65) Chlorobenzene	11.661	112	22783	5.925	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.738	131	8553	5.879	ug/l	94
67) Ethyl Benzene	11.732	91	41094	5.843	ug/l	100
68) m/p-Xylenes	11.850	106	31762	11.851	ug/l	99
69) o-Xylene	12.167	106	14260	5.448	ug/l	99
70) Styrene	12.179	104	25169	5.583	ug/l	99
71) Bromoform	12.344	173	3762	4.902	ug/l #	98
73) Isopropylbenzene	12.467	105	40112	5.678	ug/l	98
74) N-amyl acetate	12.279	43	11193	5.771	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.714	83	7921	5.557	ug/l	96
76) 1,2,3-Trichloropropane	12.767	75	5866m	6.644	ug/l	
77) Bromobenzene	12.749	156	8337	5.766	ug/l	93
78) n-propylbenzene	12.808	91	52269	5.921	ug/l	98
79) 2-Chlorotoluene	12.897	91	28883	5.831	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	34081	5.788	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.508	75	2568	5.586	ug/l	96
82) 4-Chlorotoluene	12.991	91	30860	5.983	ug/l	100
83) tert-Butylbenzene	13.208	119	28652	5.479	ug/l	92
84) 1,2,4-Trimethylbenzene	13.255	105	33895	5.835	ug/l	99
85) sec-Butylbenzene	13.391	105	47069	5.865	ug/l	98
86) p-Isopropyltoluene	13.502	119	37428	5.819	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	18164	5.998	ug/l	93
88) 1,4-Dichlorobenzene	13.579	146	18614	6.167	ug/l	94
89) n-Butylbenzene	13.826	91	37856	5.833	ug/l	99
90) Hexachloroethane	14.102	117	7529	5.855	ug/l	94
91) 1,2-Dichlorobenzene	13.873	146	15320	5.688	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.491	75	1332	5.587	ug/l	94
93) 1,2,4-Trichlorobenzene	15.143	180	9336	5.890	ug/l	97
94) Hexachlorobutadiene	15.249	225	4861	6.211	ug/l	96
95) Naphthalene	15.379	128	19842	5.605	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	8120	5.856	ug/l	95

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ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

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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)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

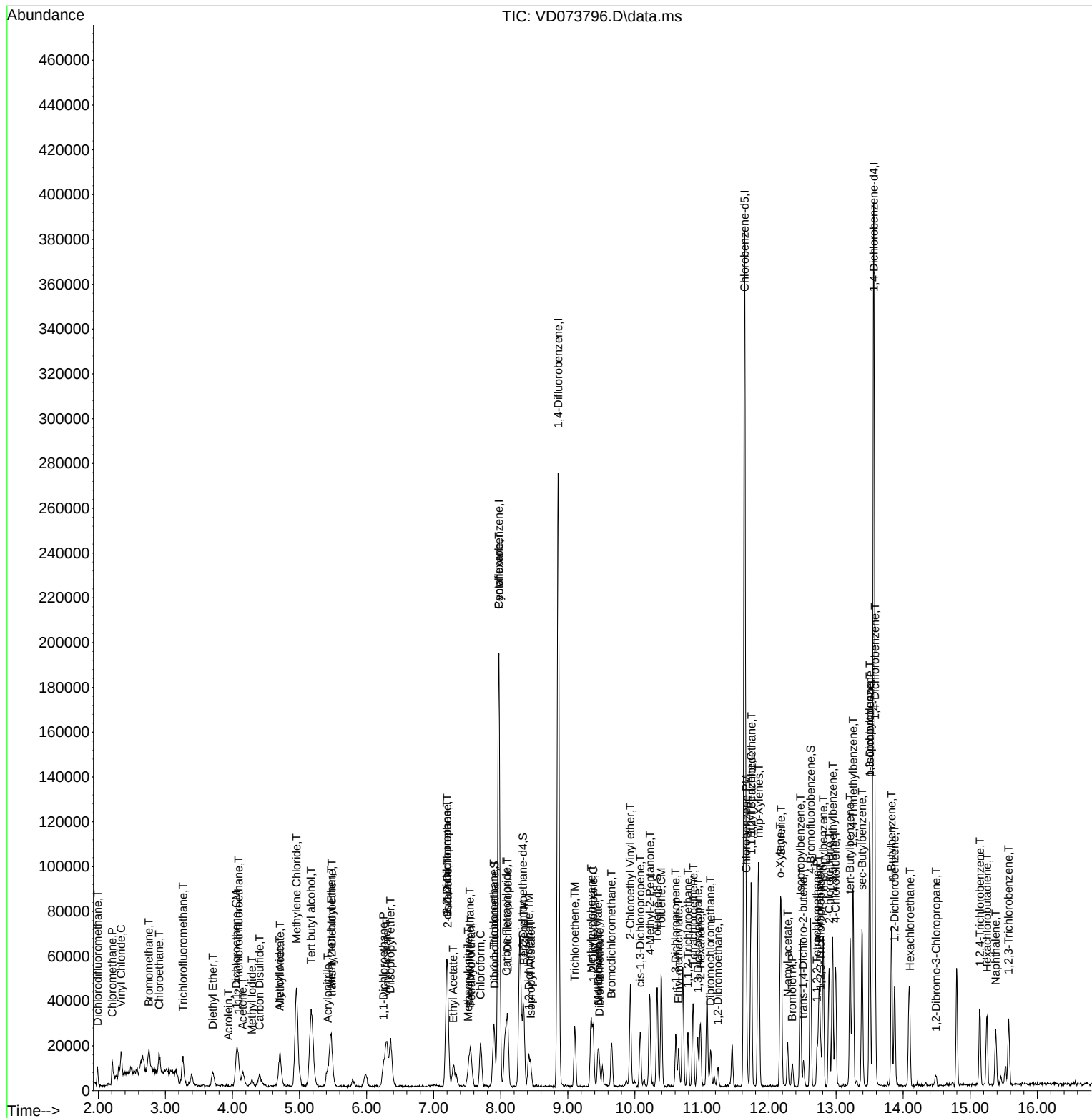
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Data File : VD073796.D
Acq On : 06 Jul 2022 17:17
Operator : VA/SY
Sample : VSTDIC005
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

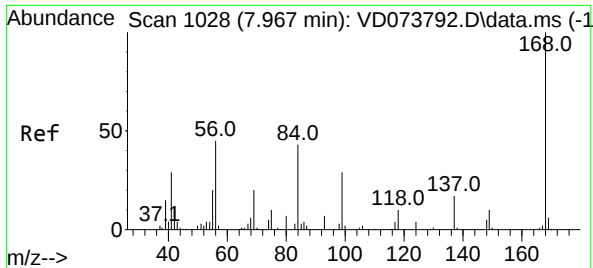
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ClientSampleId :
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Quant Time: Jul 07 04:58:59 2022
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Manual Integrations
APPROVED

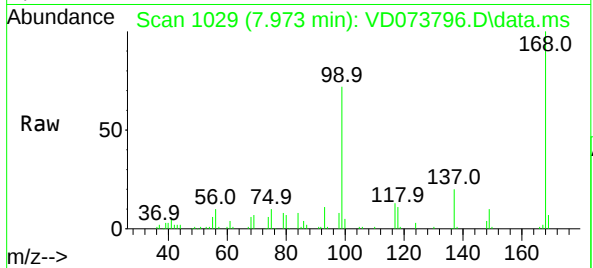
Reviewed By : John Carlone 07/07/2022
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD073796.D
Acq: 06 Jul 2022 17:17

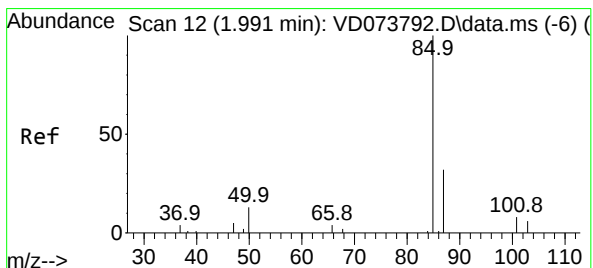
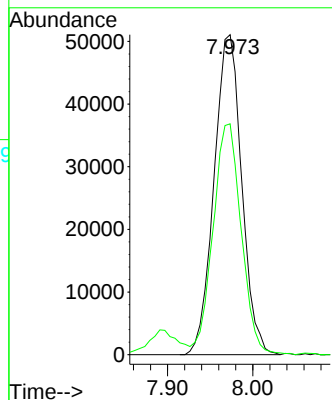
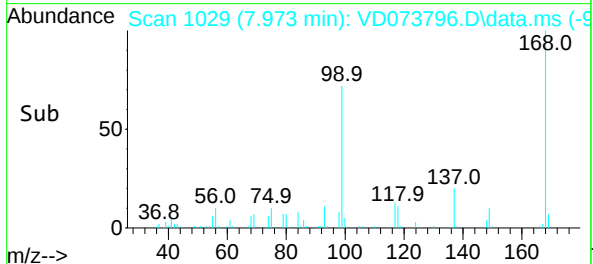
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



Tgt Ion:168 Resp: 11524
Ion Ratio Lower Upper
168 100
99 71.6 58.4 87.6

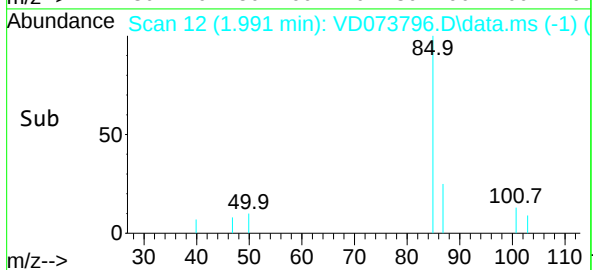
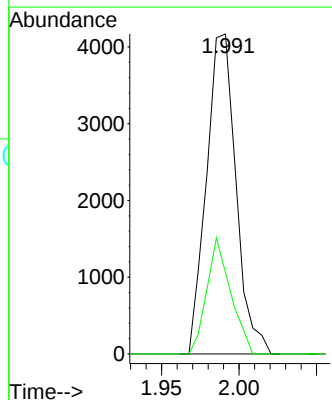
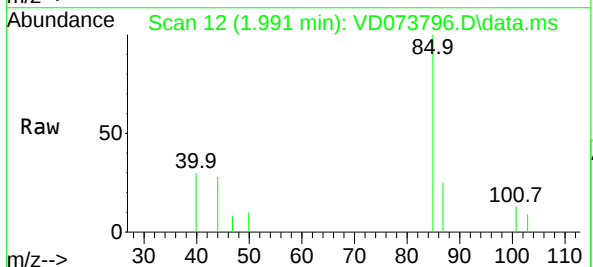
Manual Integrations
APPROVED

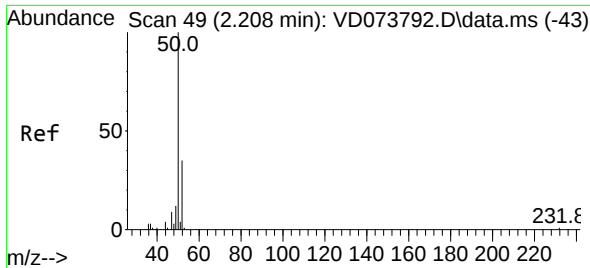
Reviewed By :John Carlone 07/07/2022
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#2
Dichlorodifluoromethane
Concen: 7.747 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073796.D
Acq: 06 Jul 2022 17:17

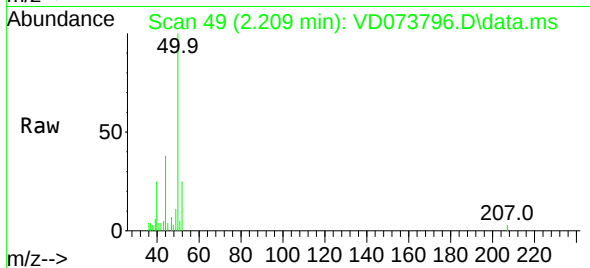
Tgt Ion: 85 Resp: 5523
Ion Ratio Lower Upper
85 100
87 25.4 16.2 48.5





#3
Chloromethane
Concen: 8.354 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD073796.D
Acq: 06 Jul 2022 17:17

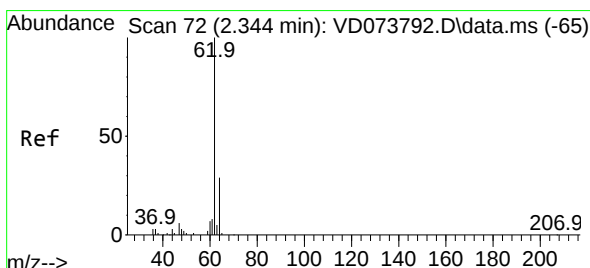
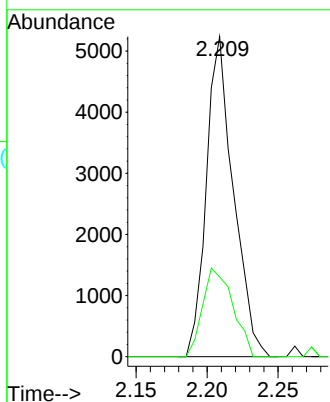
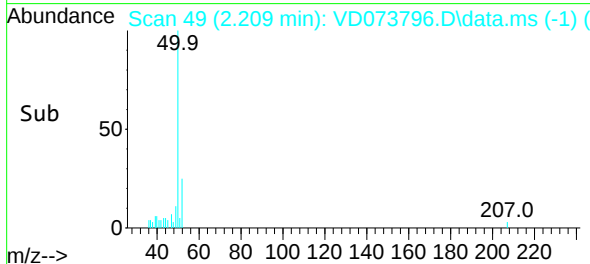
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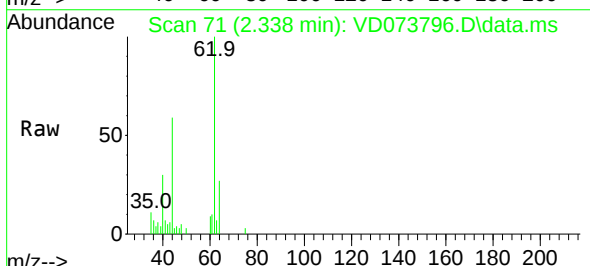
Tgt Ion: 50 Resp: 6938
Ion Ratio Lower Upper
50 100
52 24.9 27.8 41.6

Manual Integrations
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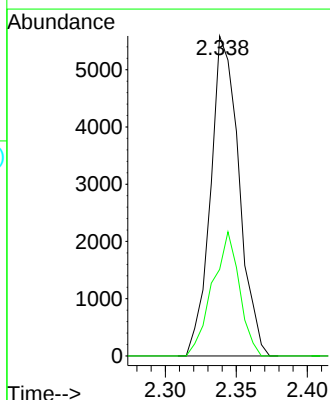
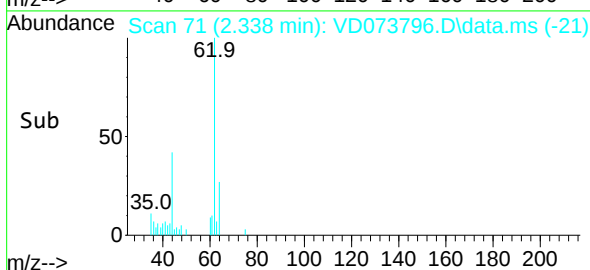
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Supervised By :Mahesh Dadoda 07/07/2022

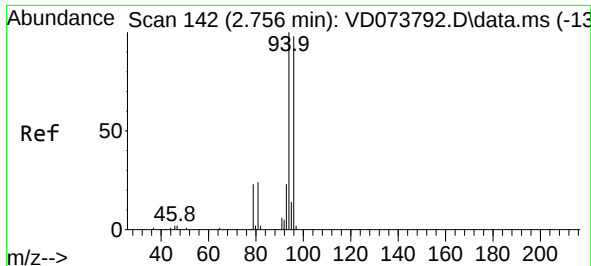


#4
Vinyl Chloride
Concen: 8.251 ug/l
RT: 2.338 min Scan# 71
Delta R.T. -0.006 min
Lab File: VD073796.D
Acq: 06 Jul 2022 17:17



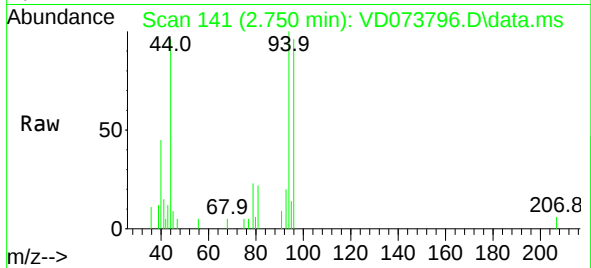
Tgt Ion: 62 Resp: 7771
Ion Ratio Lower Upper
62 100
64 27.0 23.4 35.2





#5
Bromomethane
Concen: 11.212 ug/l
RT: 2.750 min Scan# 141
Delta R.T. -0.006 min
Lab File: VD073796.D
Acq: 06 Jul 2022 17:17

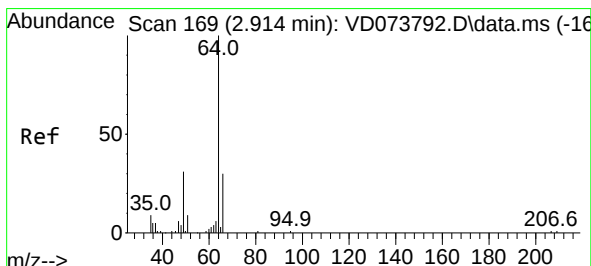
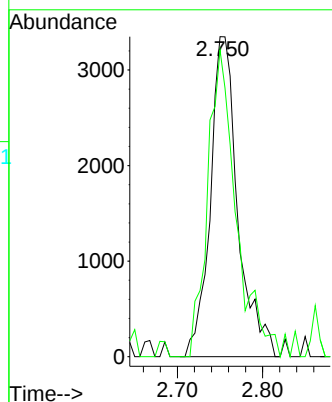
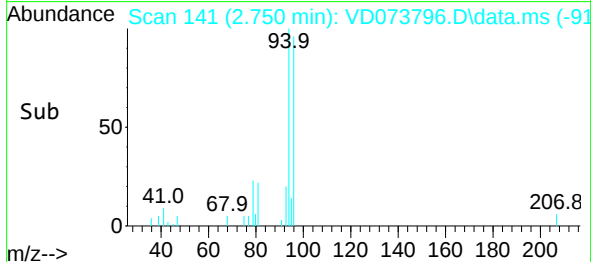
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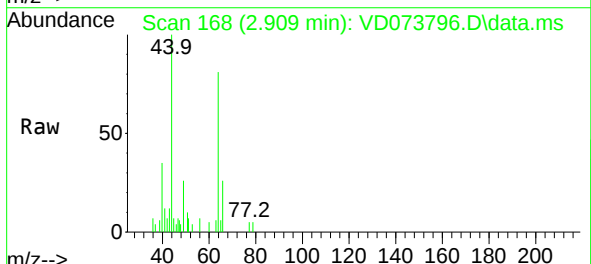
Tgt Ion: 94 Resp: 753
Ion Ratio Lower Upper
94 100
96 95.8 78.3 117.5

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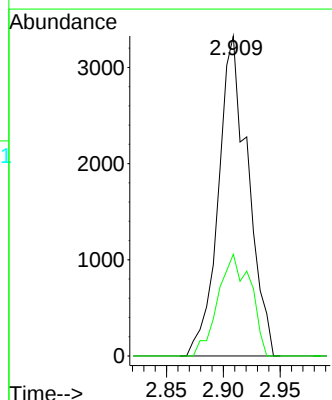
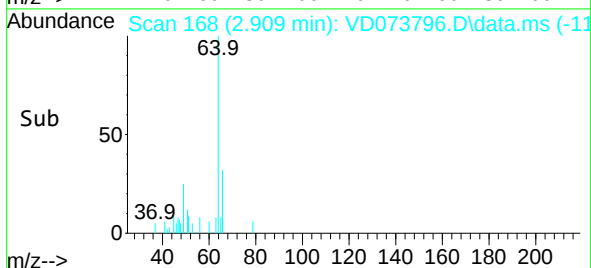
Reviewed By :John Carlone 07/07/2022
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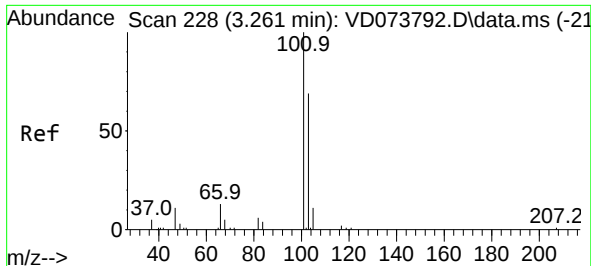


#6
Chloroethane
Concen: 8.684 ug/l
RT: 2.909 min Scan# 168
Delta R.T. -0.006 min
Lab File: VD073796.D
Acq: 06 Jul 2022 17:17



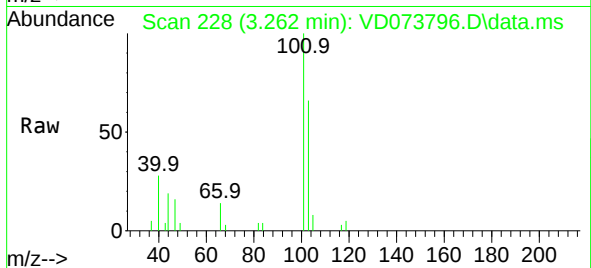
Tgt Ion: 64 Resp: 6032
Ion Ratio Lower Upper
64 100
66 31.8 23.7 35.5





#7
 Trichlorofluoromethane
 Concen: 7.413 ug/l
 RT: 3.262 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD073796.D
 Acq: 06 Jul 2022 17:17

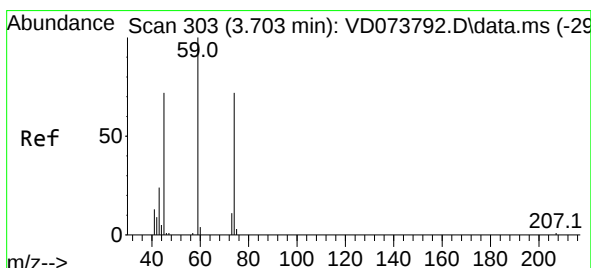
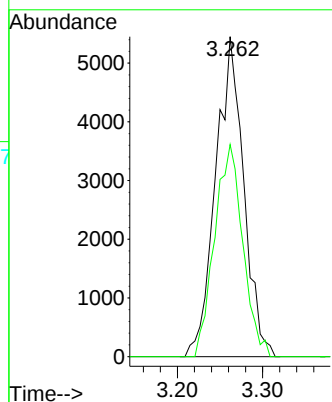
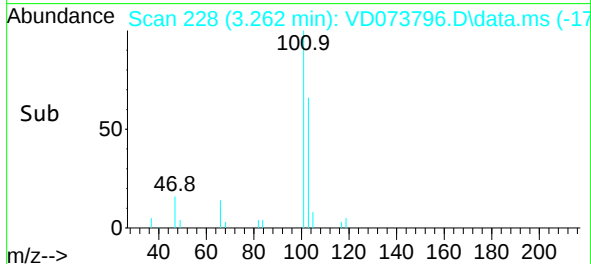
Instrument :
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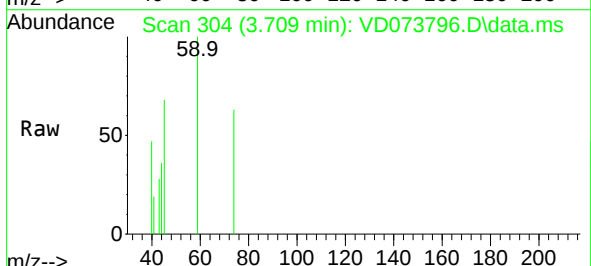
Tgt Ion:101 Resp: 1244
 Ion Ratio Lower Upper
 101 100
 103 66.3 55.4 83.2

Manual Integrations
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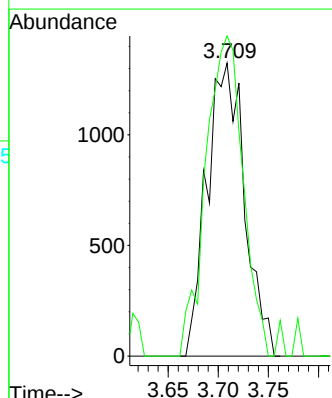
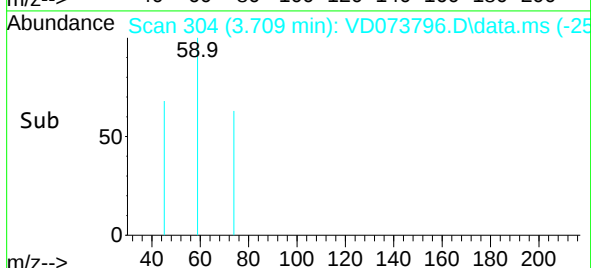
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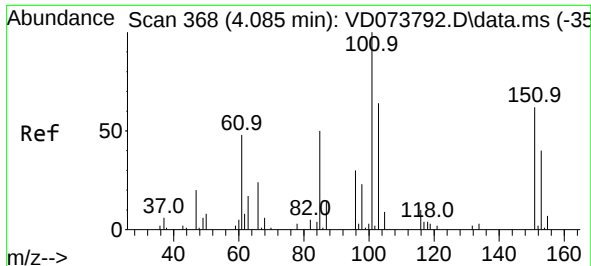


#8
 Diethyl Ether
 Concen: 6.209 ug/l
 RT: 3.709 min Scan# 304
 Delta R.T. 0.006 min
 Lab File: VD073796.D
 Acq: 06 Jul 2022 17:17



Tgt Ion: 74 Resp: 3481
 Ion Ratio Lower Upper
 74 100
 45 107.3 51.1 153.3





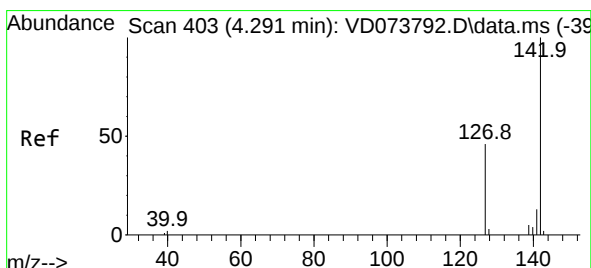
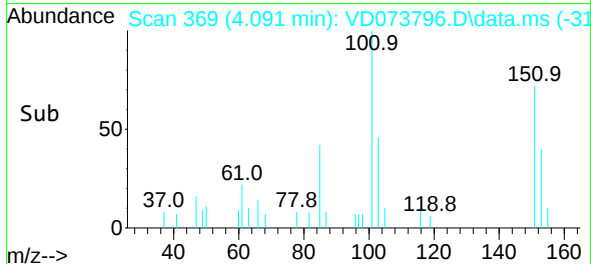
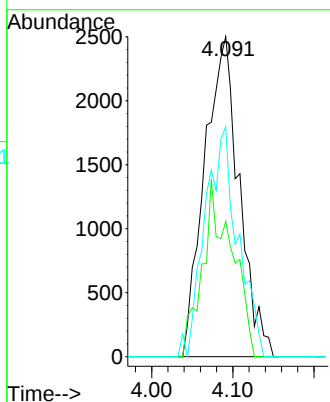
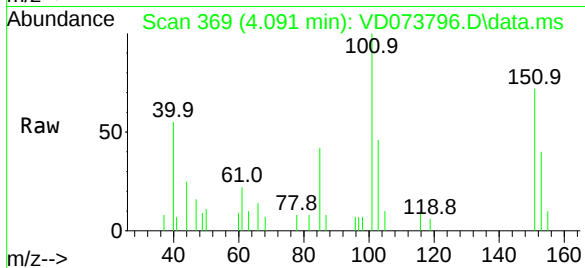
#9
1,1,2-Trichlorotrifluoroethane
Concen: 6.747 ug/l
RT: 4.091 min Scan# 30
Delta R.T. 0.006 min
Lab File: VD073796.D
Acq: 06 Jul 2022 17:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 7424
Ion Ratio Lower Upper
101 100
85 46.9 38.8 58.2
151 67.8 54.4 81.6

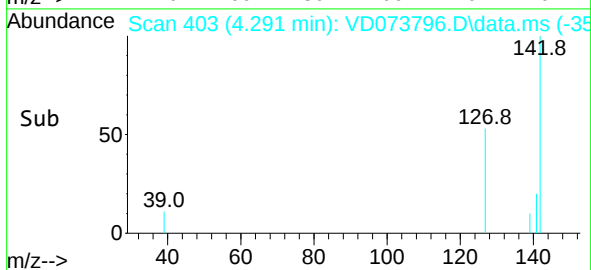
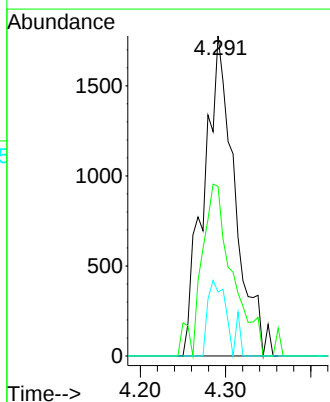
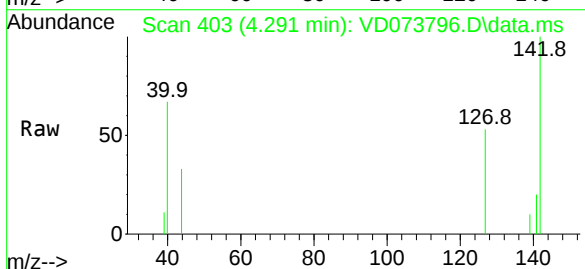
Manual Integrations
APPROVED

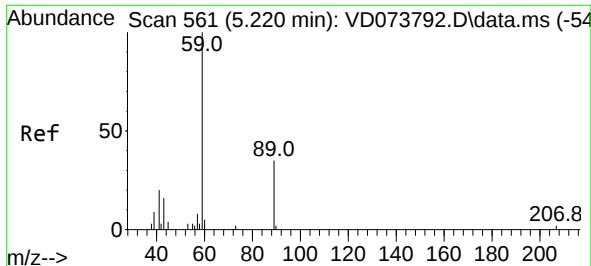
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#10
Methyl Iodide
Concen: 5.819 ug/l
RT: 4.291 min Scan# 403
Delta R.T. 0.000 min
Lab File: VD073796.D
Acq: 06 Jul 2022 17:17

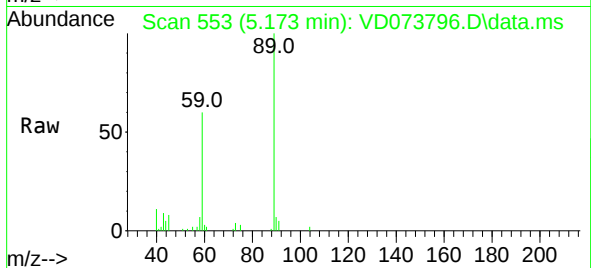
Tgt Ion:142 Resp: 4504
Ion Ratio Lower Upper
142 100
127 53.6 39.7 59.5
141 13.0 11.1 16.7





#11
Tert butyl alcohol
Concen: 125.201 ug/l
RT: 5.173 min Scan# 511
Delta R.T. -0.047 min
Lab File: VD073796.D
Acq: 06 Jul 2022 17:17

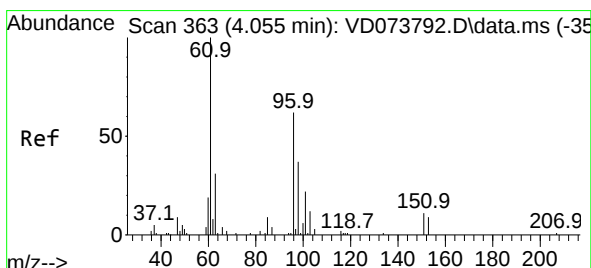
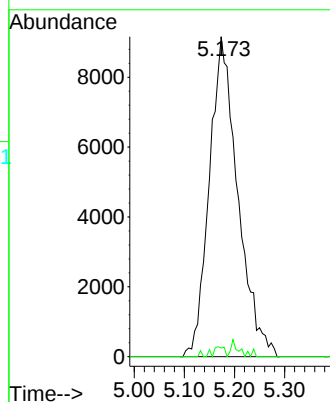
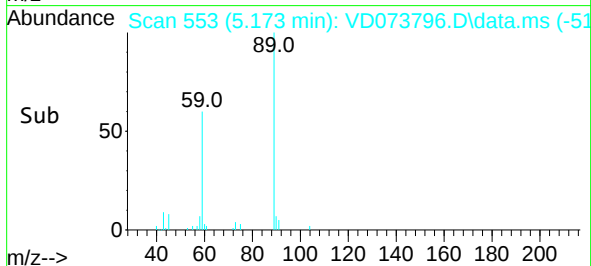
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005



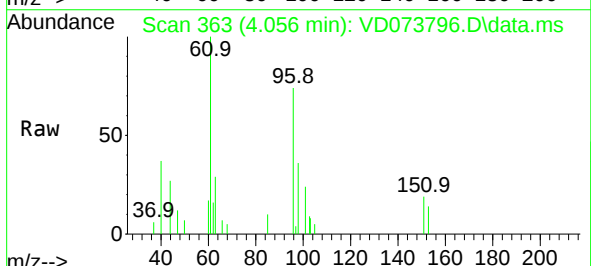
Tgt Ion: 59 Resp: 36162
Ion Ratio Lower Upper
59 100
57 1.2 2.4 3.6

Manual Integrations
APPROVED

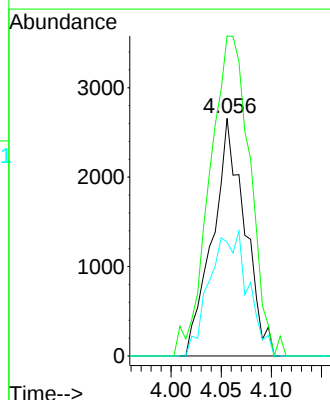
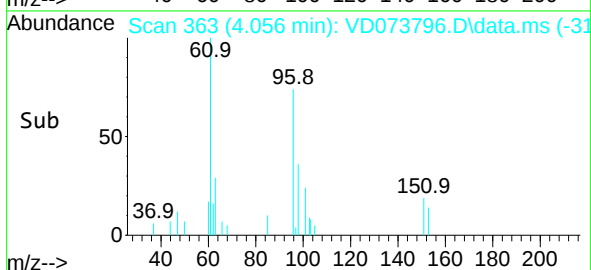
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

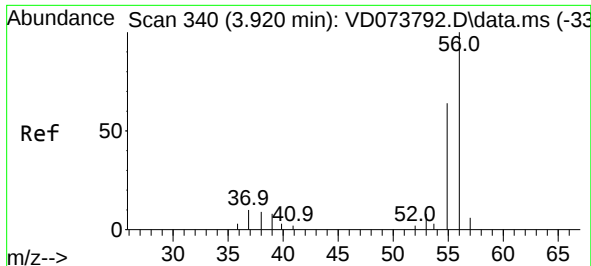


#12
1,1-Dichloroethene
Concen: 6.313 ug/l
RT: 4.056 min Scan# 363
Delta R.T. 0.000 min
Lab File: VD073796.D
Acq: 06 Jul 2022 17:17



Tgt Ion: 96 Resp: 5943
Ion Ratio Lower Upper
96 100
61 126.3 129.3 193.9#
98 47.9 47.4 71.2





#13

Acrolein

Concen: 7.299 ug/l

RT: 3.938 min Scan# 34

Delta R.T. 0.018 min

Lab File: VD073796.D

Acq: 06 Jul 2022 17:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC005

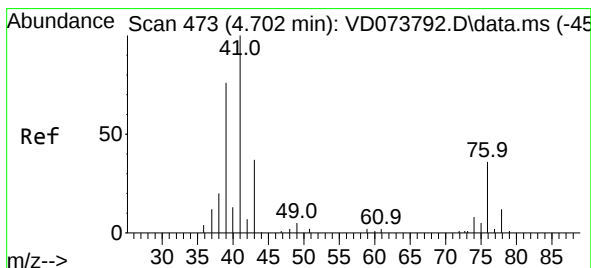
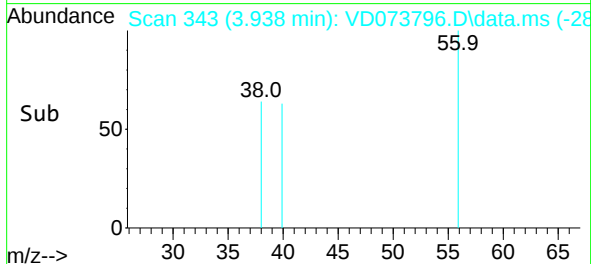
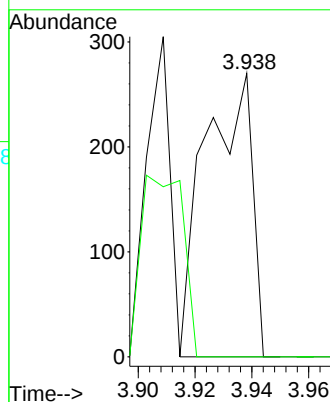
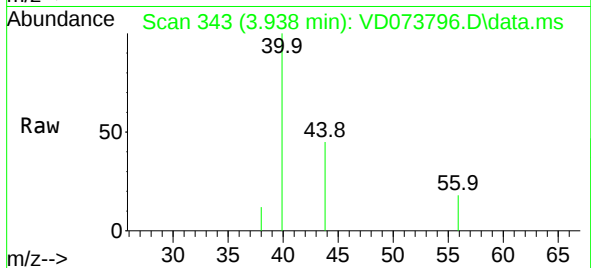
Tgt Ion: 56 Resp: 312
 Ion Ratio Lower Upper
 56 100
 55 0.0 55.4 83.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#14

Allyl chloride

Concen: 6.640 ug/l

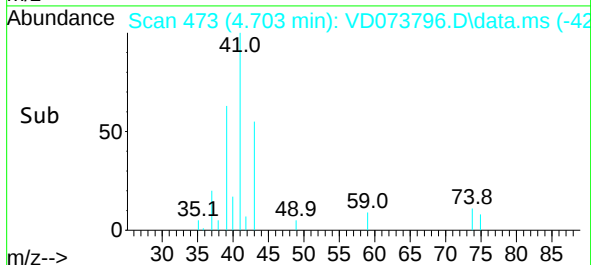
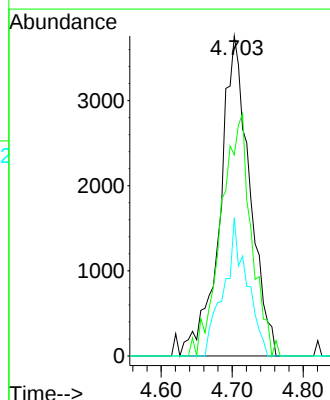
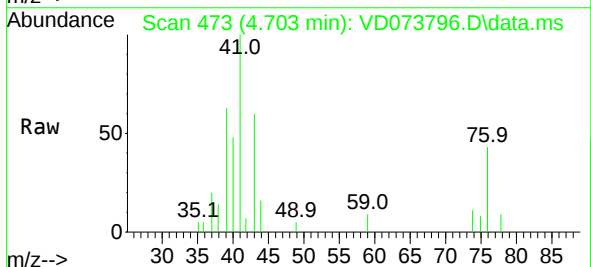
RT: 4.703 min Scan# 473

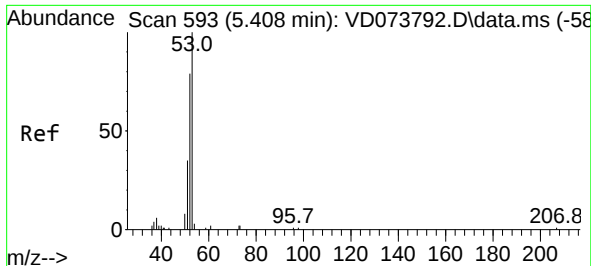
Delta R.T. 0.000 min

Lab File: VD073796.D

Acq: 06 Jul 2022 17:17

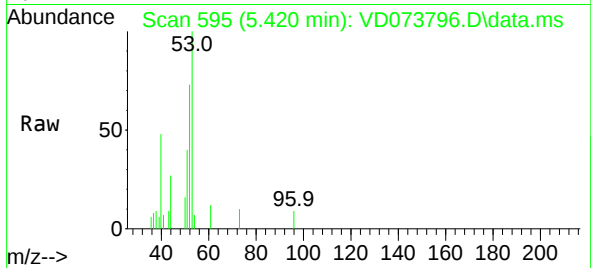
Tgt Ion: 41 Resp: 10899
 Ion Ratio Lower Upper
 41 100
 39 77.2 59.8 89.8
 76 33.5 28.4 42.6





#15
Acrylonitrile
Concen: 29.407 ug/l
RT: 5.420 min Scan# 595
Delta R.T. 0.012 min
Lab File: VD073796.D
Acq: 06 Jul 2022 17:17

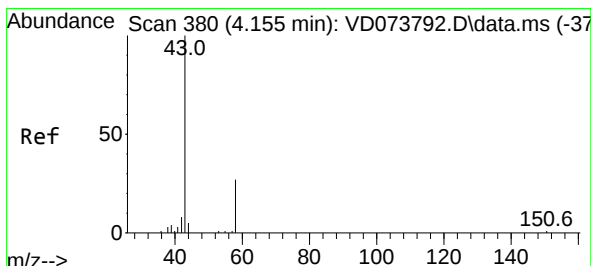
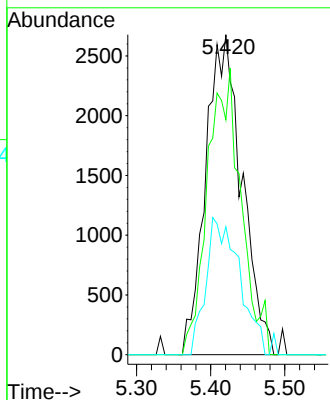
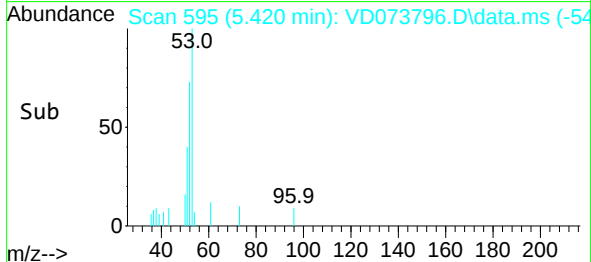
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005



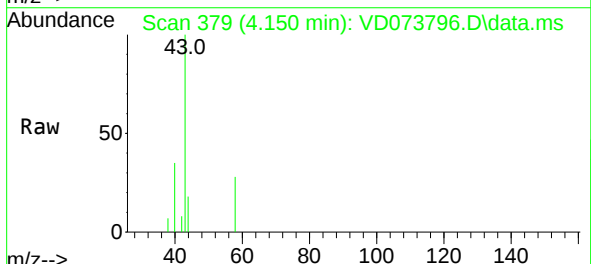
Tgt Ion: 53 Resp: 909
Ion Ratio Lower Upper
53 100
52 82.5 65.9 98.9
51 0.0 29.7 44.5

Manual Integrations
APPROVED

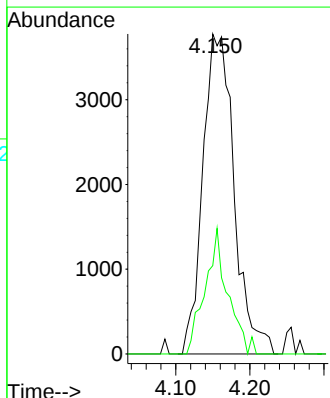
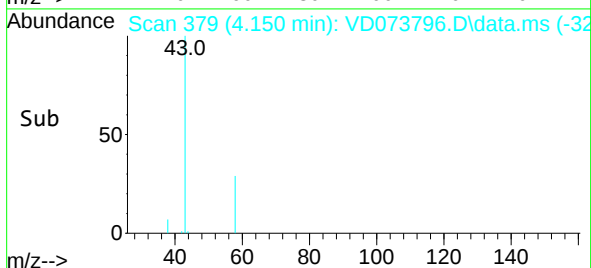
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

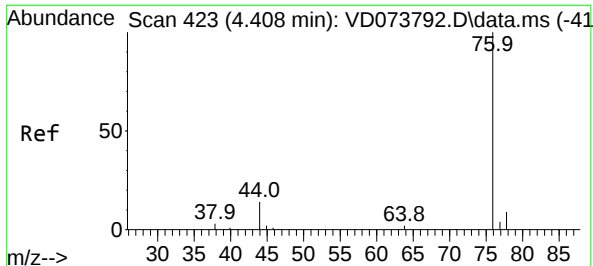


#16
Acetone
Concen: 46.051 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD073796.D
Acq: 06 Jul 2022 17:17



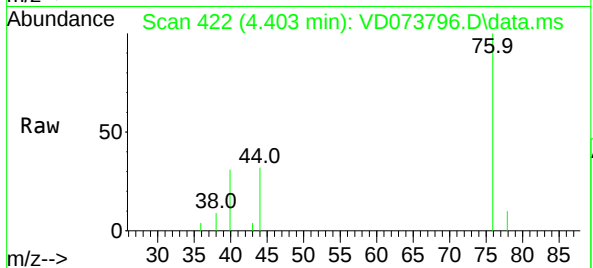
Tgt Ion: 43 Resp: 11077
Ion Ratio Lower Upper
43 100
58 27.6 21.3 31.9





#17
Carbon Disulfide
Concen: 6.817 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD073796.D
Acq: 06 Jul 2022 17:17

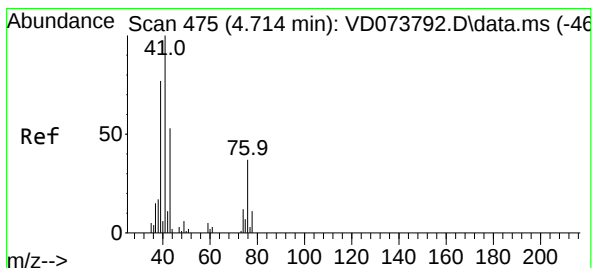
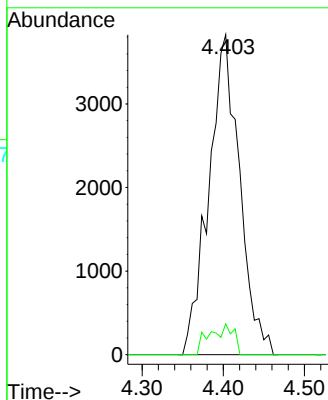
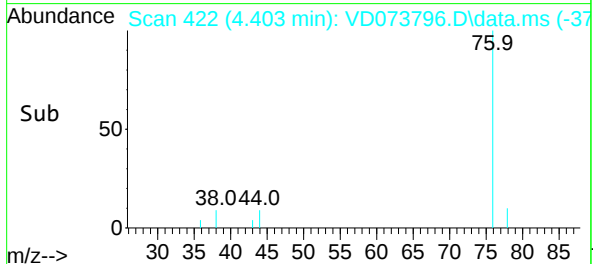
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005



Tgt Ion: 76 Resp: 1009
Ion Ratio Lower Upper
76 100
78 9.7 6.8 10.2

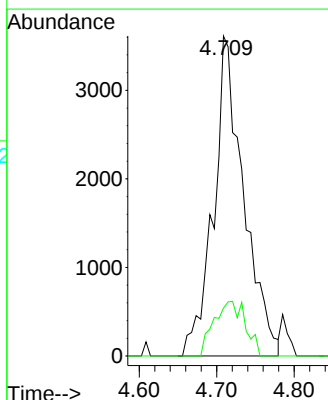
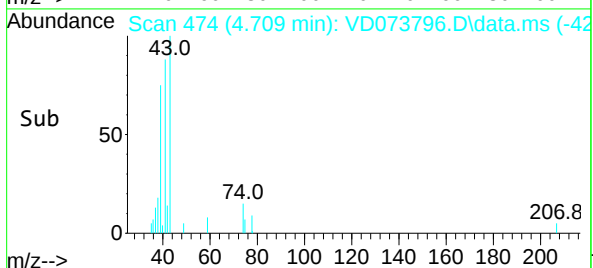
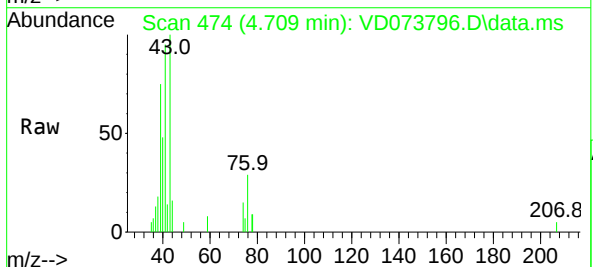
Manual Integrations
APPROVED

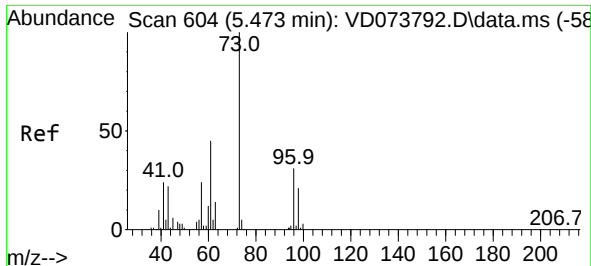
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#18
Methyl Acetate
Concen: 10.472 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD073796.D
Acq: 06 Jul 2022 17:17

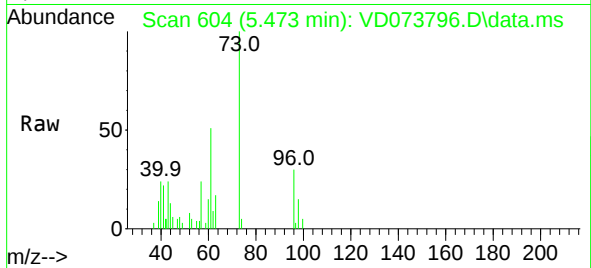
Tgt Ion: 43 Resp: 9752
Ion Ratio Lower Upper
43 100
74 17.9 18.3 27.5#





#19
Methyl tert-butyl Ether
Concen: 6.432 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD073796.D
Acq: 06 Jul 2022 17:17

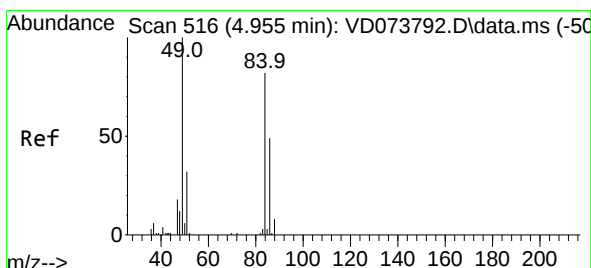
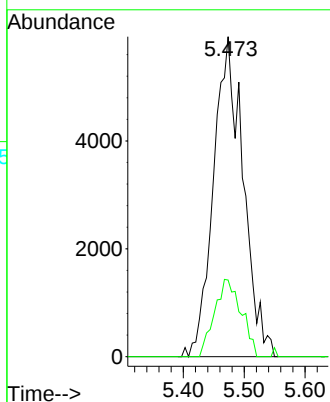
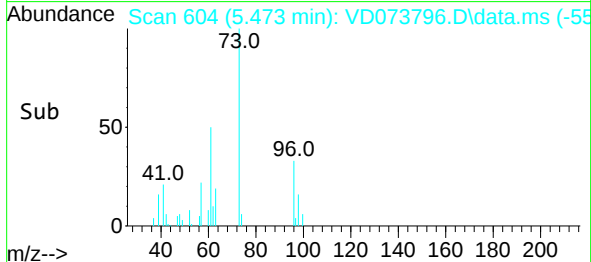
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



Tgt Ion: 73 Resp: 20050
Ion Ratio Lower Upper
73 100
57 24.0 19.0 28.6

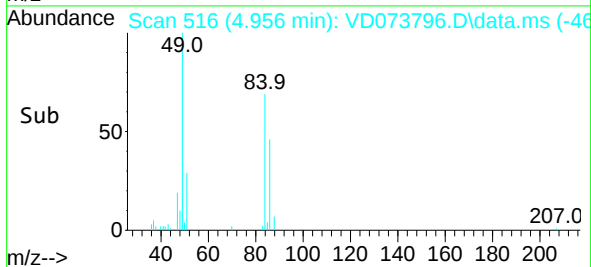
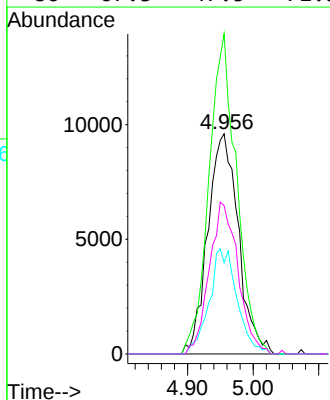
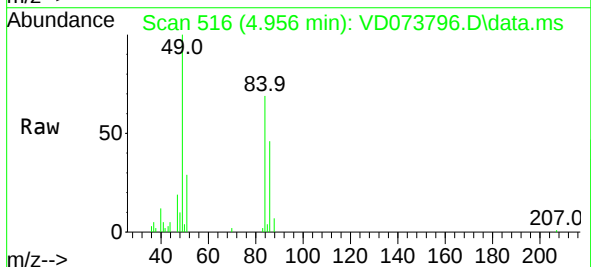
Manual Integrations
APPROVED

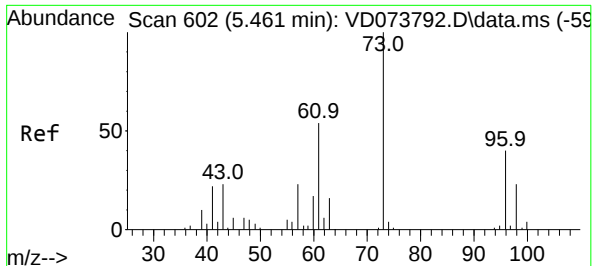
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#20
Methylene Chloride
Concen: 20.167 ug/l
RT: 4.956 min Scan# 516
Delta R.T. 0.000 min
Lab File: VD073796.D
Acq: 06 Jul 2022 17:17

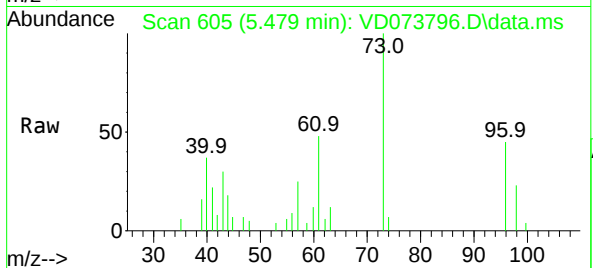
Tgt Ion: 84 Resp: 31031
Ion Ratio Lower Upper
84 100
49 145.4 97.4 146.2
51 41.5 30.8 46.2
86 67.3 47.5 71.3





#21
trans-1,2-Dichloroethene
Concen: 6.481 ug/l
RT: 5.479 min Scan# 602
Delta R.T. 0.018 min
Lab File: VD073796.D
Acq: 06 Jul 2022 17:17

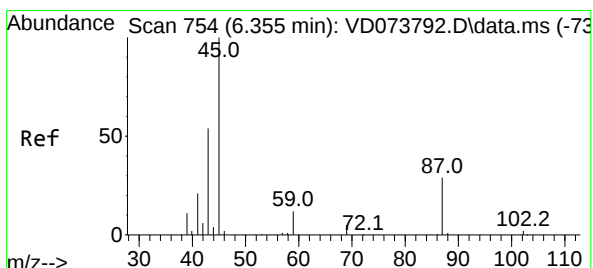
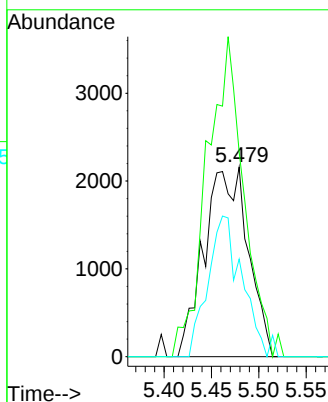
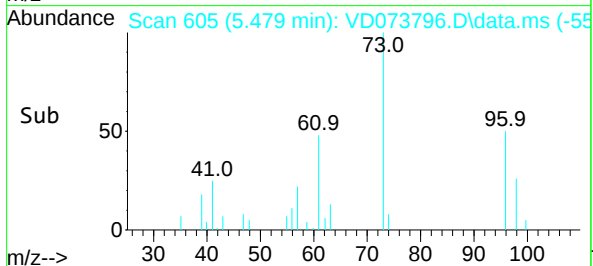
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



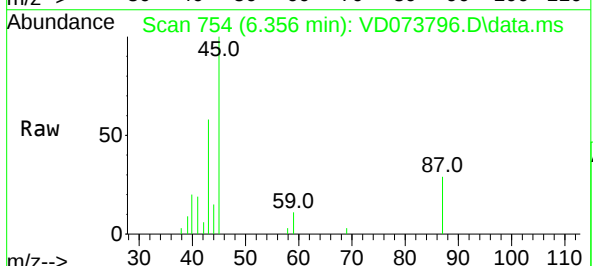
Tgt Ion: 96 Resp: 6918
Ion Ratio Lower Upper
96 100
61 95.9 108.2 162.2
98 51.5 45.4 68.0

Manual Integrations
APPROVED

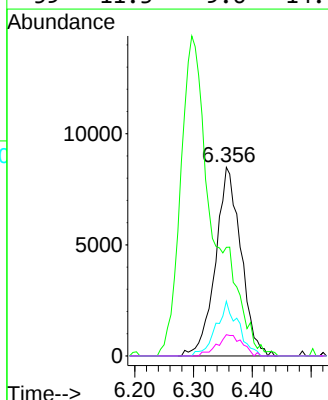
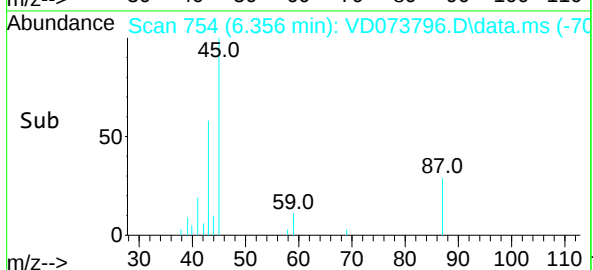
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

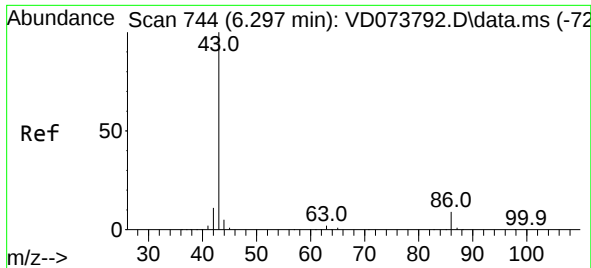


#22
Diisopropyl ether
Concen: 6.138 ug/l
RT: 6.356 min Scan# 754
Delta R.T. 0.000 min
Lab File: VD073796.D
Acq: 06 Jul 2022 17:17



Tgt Ion: 45 Resp: 25587
Ion Ratio Lower Upper
45 100
43 57.6 44.6 67.0
87 29.0 23.2 34.8
59 11.3 9.6 14.4





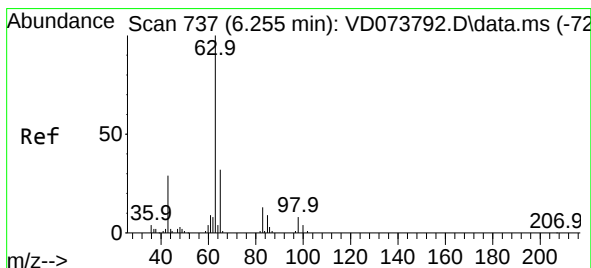
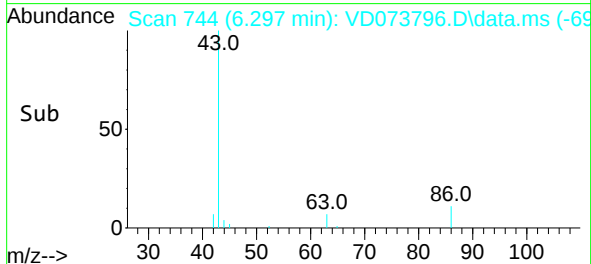
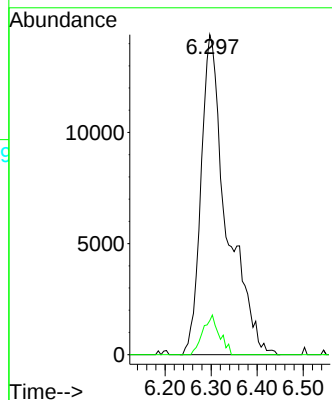
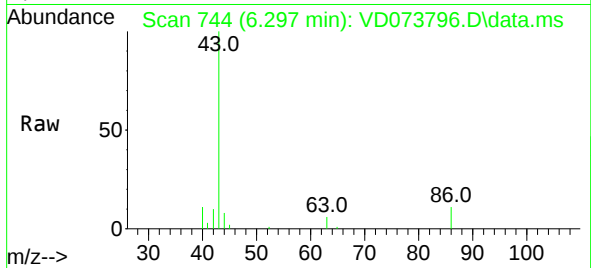
#23
 Vinyl Acetate
 Concen: 26.154 ug/l
 RT: 6.297 min Scan# 744
 Delta R.T. 0.000 min
 Lab File: VD073796.D
 Acq: 06 Jul 2022 17:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Tgt Ion: 43 Resp: 5573
 Ion Ratio Lower Upper
 43 100
 86 10.7 7.6 11.4

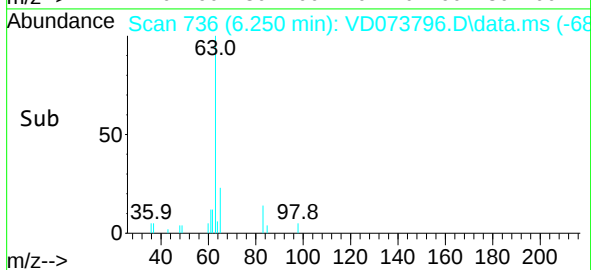
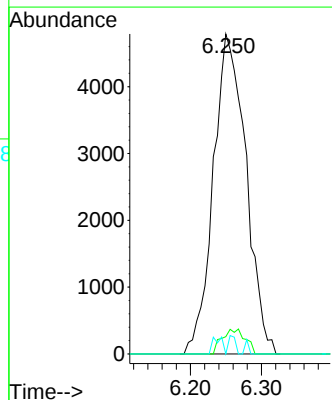
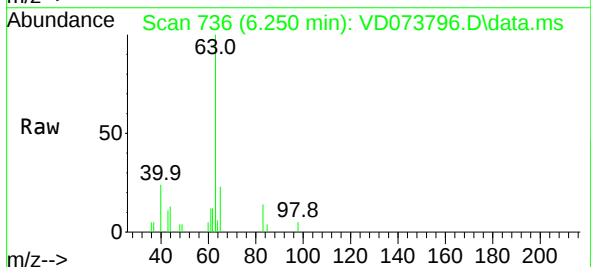
Manual Integrations
 APPROVED

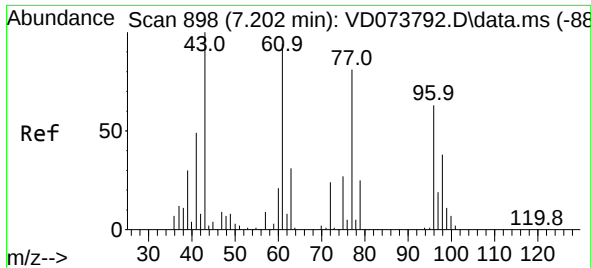
Reviewed By :John Carlone 07/07/2022
 Supervised By :Mahesh Dadoda 07/07/2022



#24
 1,1-Dichloroethane
 Concen: 6.564 ug/l
 RT: 6.250 min Scan# 736
 Delta R.T. -0.005 min
 Lab File: VD073796.D
 Acq: 06 Jul 2022 17:17

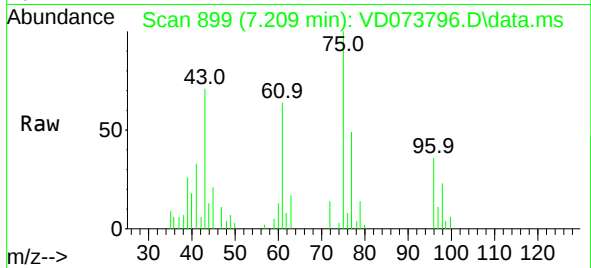
Tgt Ion: 63 Resp: 15288
 Ion Ratio Lower Upper
 63 100
 98 5.4 3.9 11.5
 100 0.0 2.2 6.6





#25
2-Butanone
Concen: 38.633 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD073796.D
Acq: 06 Jul 2022 17:17

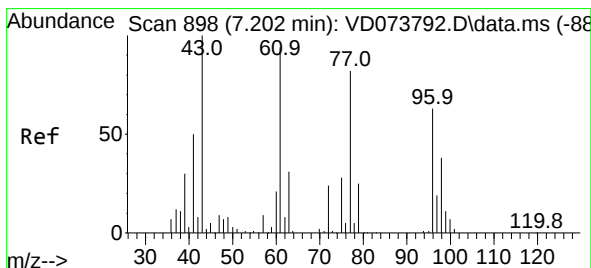
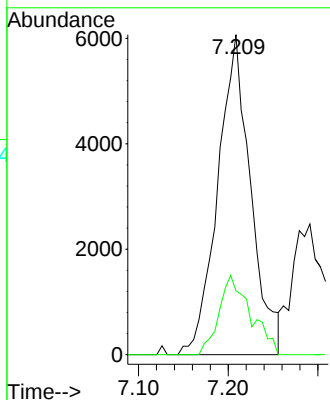
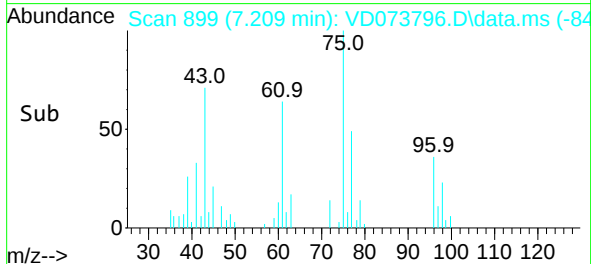
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



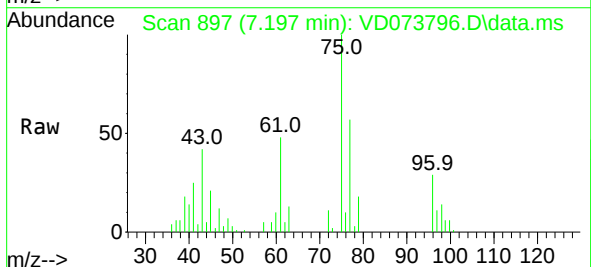
Tgt Ion: 43 Resp: 15486
Ion Ratio Lower Upper
43 100
72 20.0 18.8 28.2

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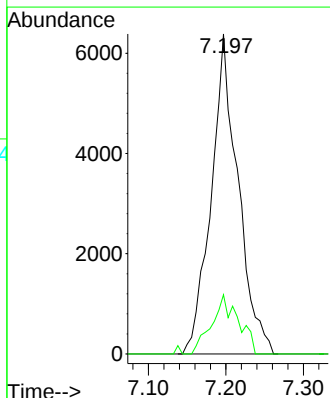
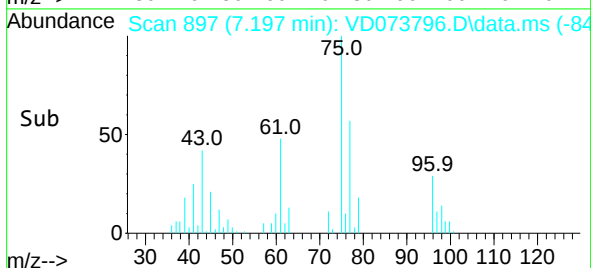
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

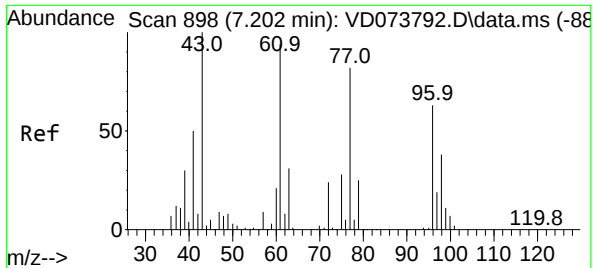


#26
2,2-Dichloropropane
Concen: 7.233 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.006 min
Lab File: VD073796.D
Acq: 06 Jul 2022 17:17



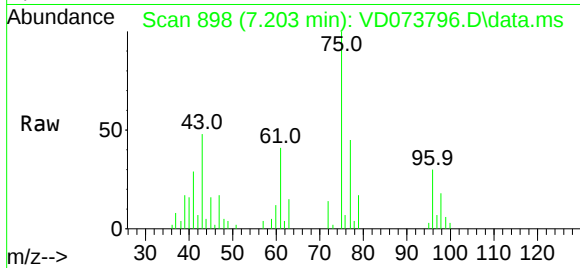
Tgt Ion: 77 Resp: 15389
Ion Ratio Lower Upper
77 100
97 18.4 10.8 32.4





#27
 cis-1,2-Dichloroethene
 Concen: 6.597 ug/l
 RT: 7.203 min Scan# 898
 Delta R.T. 0.000 min
 Lab File: VD073796.D
 Acq: 06 Jul 2022 17:17

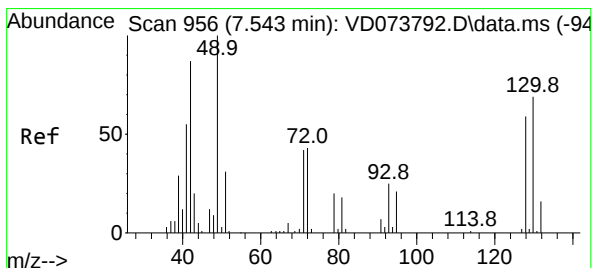
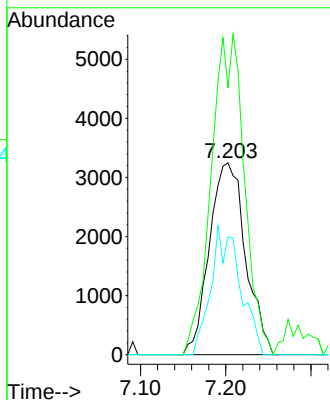
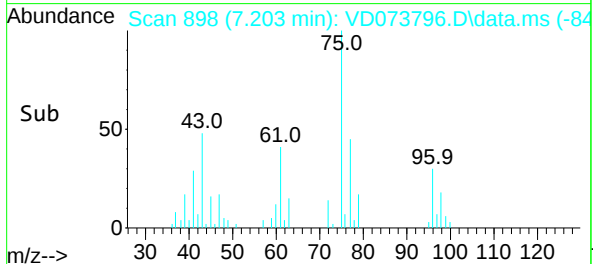
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005



Tgt Ion: 96 Resp: 959
 Ion Ratio Lower Upper
 96 100
 61 153.1 0.0 303.2
 98 54.1 0.0 125.2

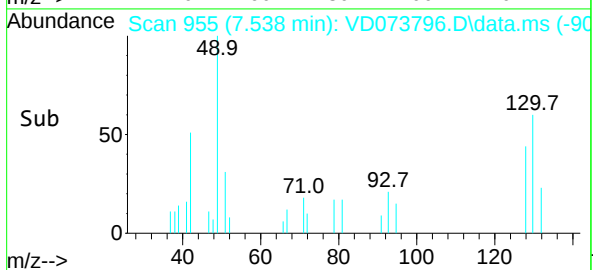
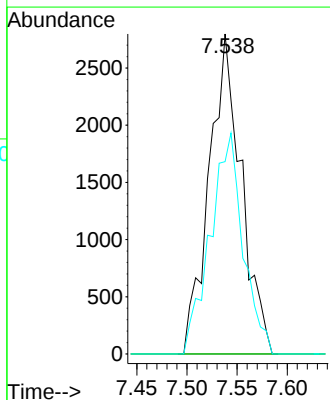
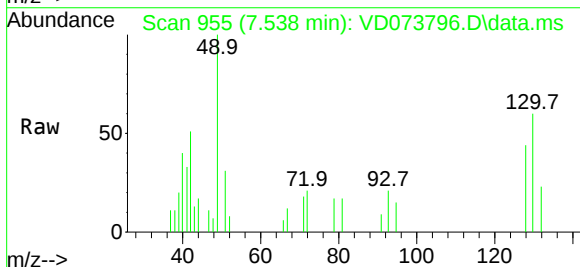
Manual Integrations
 APPROVED

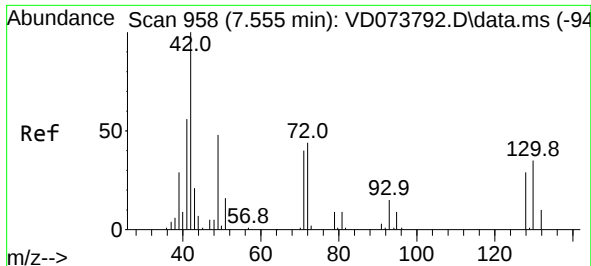
Reviewed By :John Carlone 07/07/2022
 Supervised By :Mahesh Dadoda 07/07/2022



#28
 Bromochloromethane
 Concen: 7.014 ug/l
 RT: 7.538 min Scan# 955
 Delta R.T. -0.006 min
 Lab File: VD073796.D
 Acq: 06 Jul 2022 17:17

Tgt Ion: 49 Resp: 6249
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.6
 130 70.3 55.2 82.8





#29

Tetrahydrofuran

Concen: 30.306 ug/l

RT: 7.556 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD073796.D

Acq: 06 Jul 2022 17:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC005

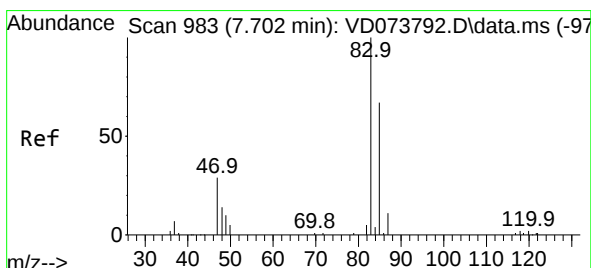
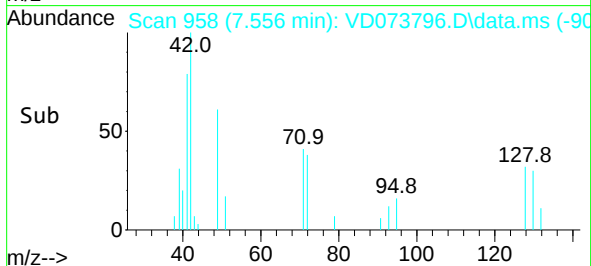
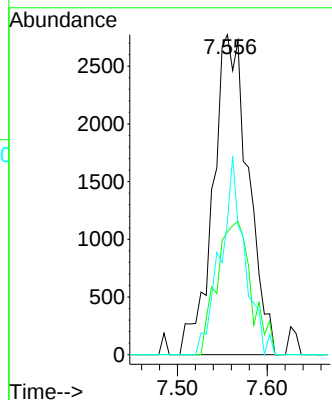
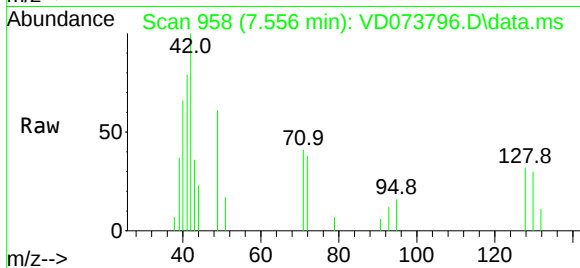
Tgt Ion:	42	Resp:	758
Ion Ratio	Lower	Upper	
42	100		
72	40.6	34.6	52.0
71	42.2	33.0	49.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#30

Chloroform

Concen: 6.763 ug/l

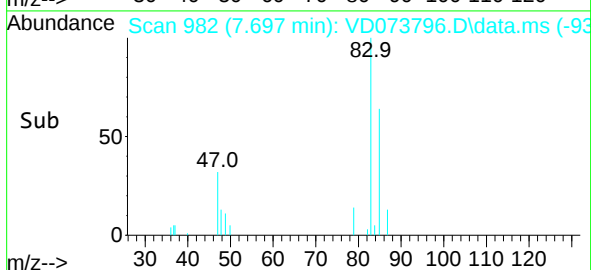
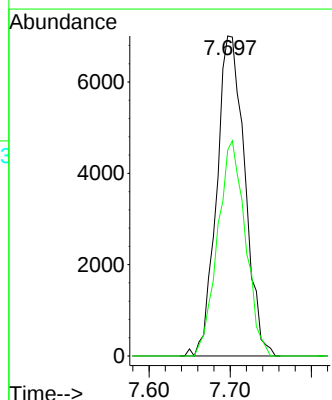
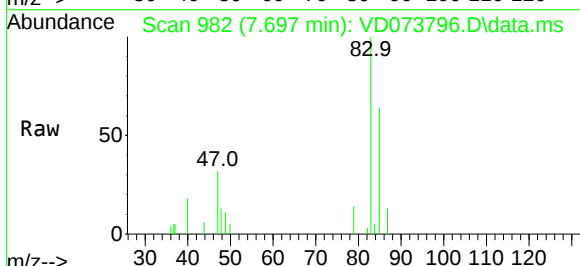
RT: 7.697 min Scan# 982

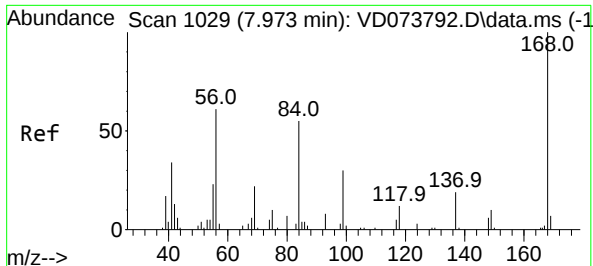
Delta R.T. -0.006 min

Lab File: VD073796.D

Acq: 06 Jul 2022 17:17

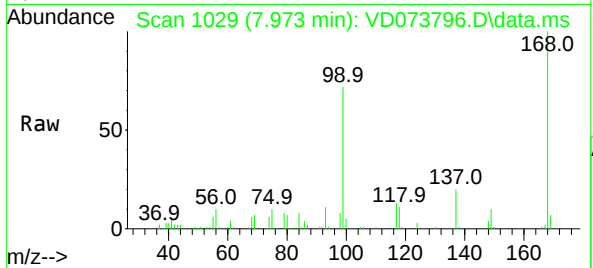
Tgt Ion:	83	Resp:	16831
Ion Ratio	Lower	Upper	
83	100		
85	64.4	53.4	80.0





#31
Cyclohexane
Concen: 7.600 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073796.D
Acq: 06 Jul 2022 17:17

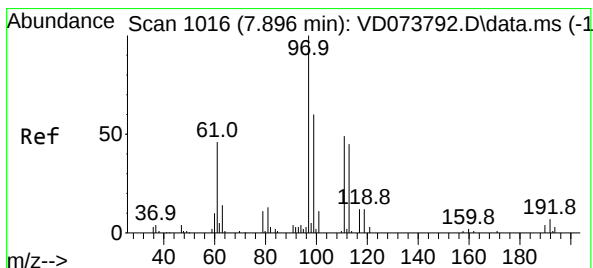
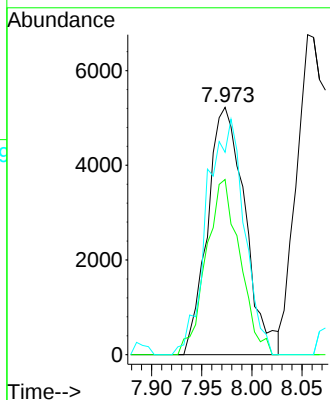
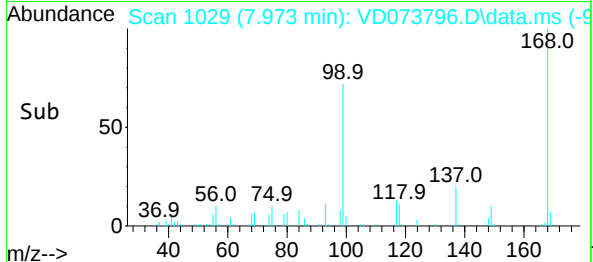
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005



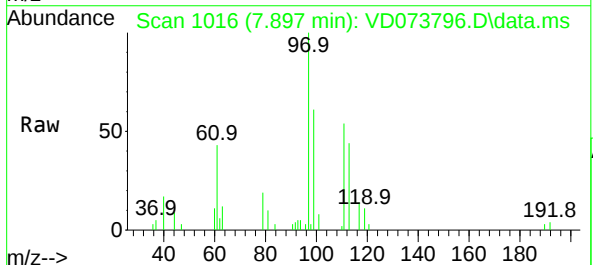
Tgt Ion: 56 Resp: 1362
Ion Ratio Lower Upper
56 100
69 70.8 29.4 44.2
84 81.8 72.1 108.1

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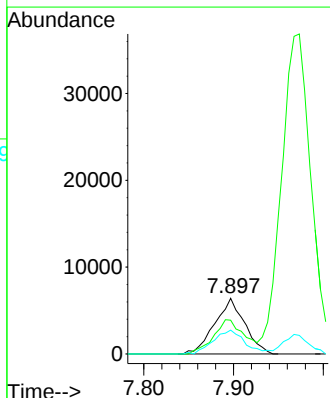
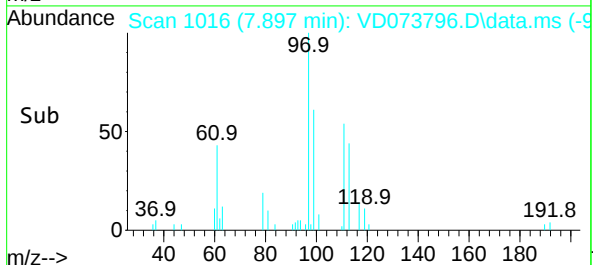
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

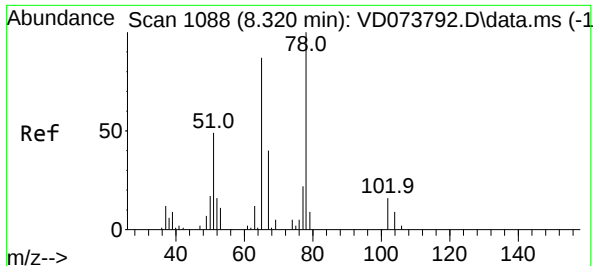


#32
1,1,1-Trichloroethane
Concen: 6.843 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VD073796.D
Acq: 06 Jul 2022 17:17



Tgt Ion: 97 Resp: 14830
Ion Ratio Lower Upper
97 100
99 63.8 49.8 74.8
61 44.2 35.8 53.6





#33

1,2-Dichloroethane-d4

Concen: 7.733 ug/l

RT: 8.332 min Scan# 1088

Delta R.T. 0.012 min

Lab File: VD073796.D

Acq: 06 Jul 2022 17:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 898

Ion Ratio Lower Upper

65 100

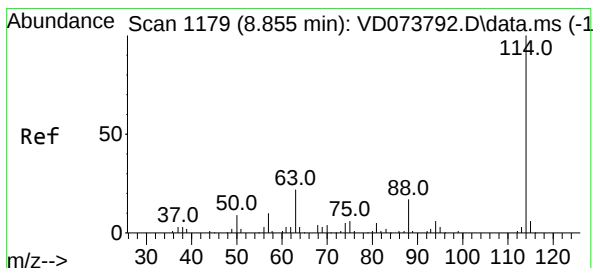
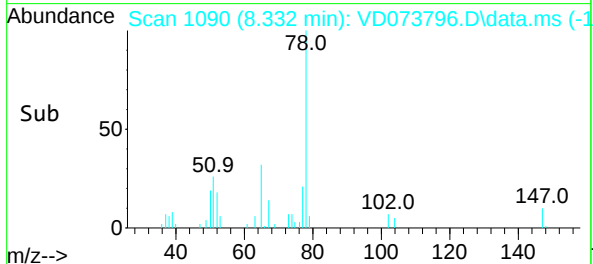
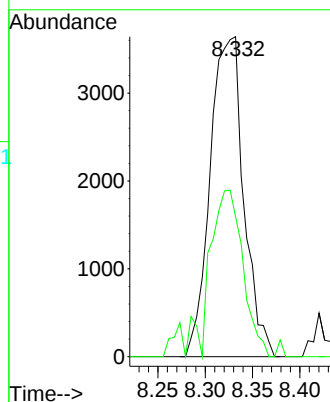
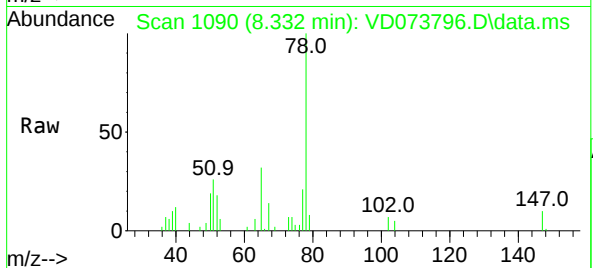
67 51.6 0.0 105.8

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: 8.856 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073796.D

Acq: 06 Jul 2022 17:17

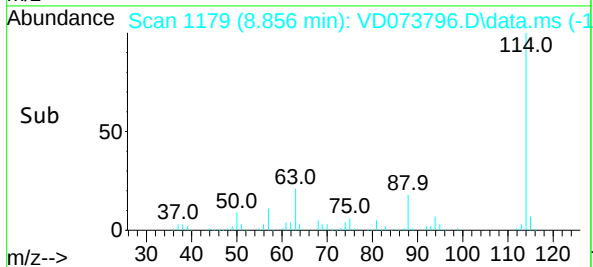
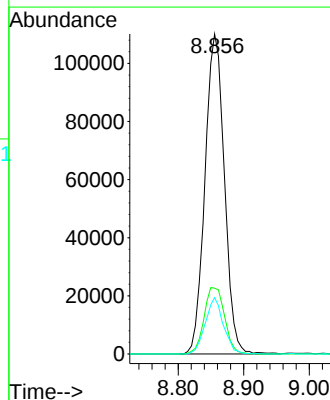
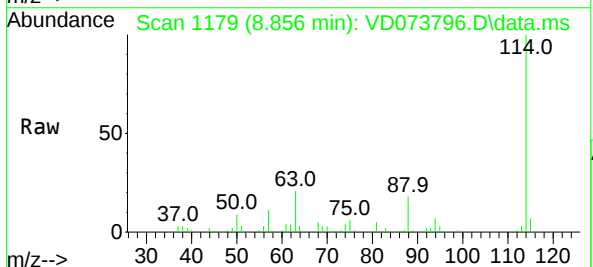
Tgt Ion:114 Resp: 226940

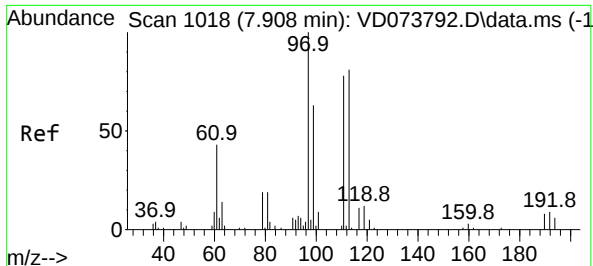
Ion Ratio Lower Upper

114 100

63 20.6 0.0 44.2

88 17.6 0.0 33.6





#35

Dibromofluoromethane

Concen: 6.514 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073796.D

Acq: 06 Jul 2022 17:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tgt Ion: 113 Resp: 813

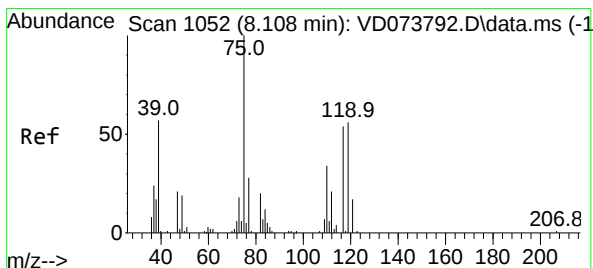
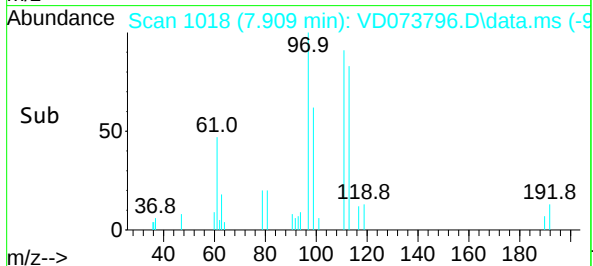
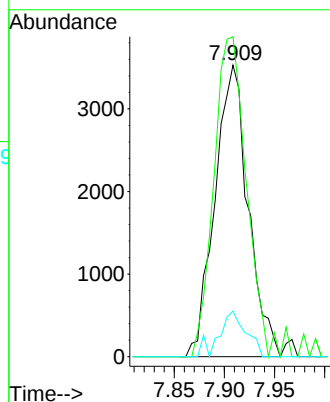
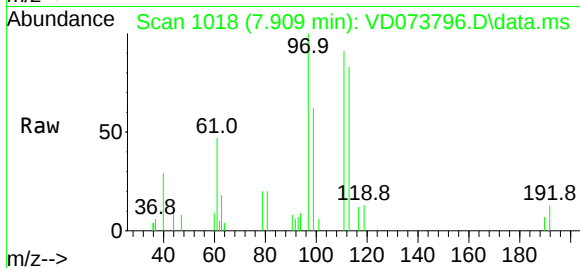
Ion	Ratio	Lower	Upper
113	100		
111	107.8	82.7	124.1
192	11.6	11.7	17.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#36

1,1-Dichloropropene

Concen: 6.056 ug/l

RT: 8.103 min Scan# 1051

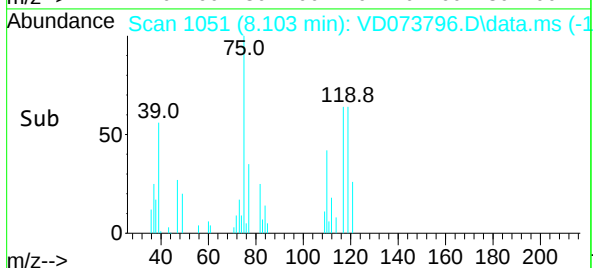
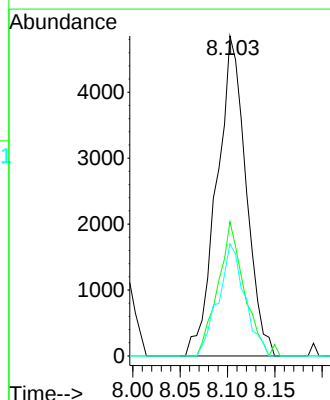
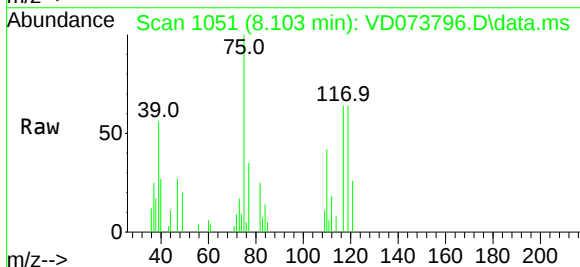
Delta R.T. -0.006 min

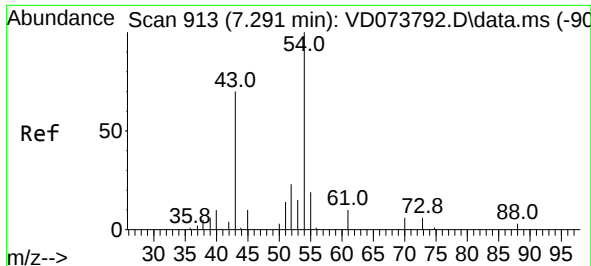
Lab File: VD073796.D

Acq: 06 Jul 2022 17:17

Tgt Ion: 75 Resp: 10403

Ion	Ratio	Lower	Upper
75	100		
110	37.8	16.9	50.7
77	31.8	24.8	37.2





#37

Ethyl Acetate

Concen: 6.753 ug/l

RT: 7.291 min Scan# 913

Delta R.T. 0.000 min

Lab File: VD073796.D

Acq: 06 Jul 2022 17:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 6250

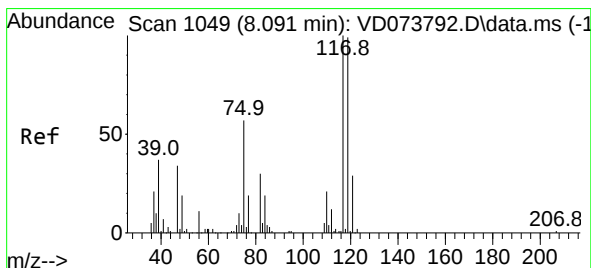
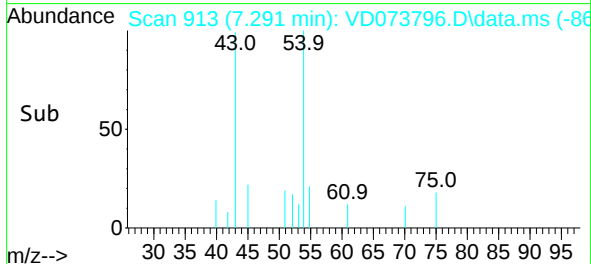
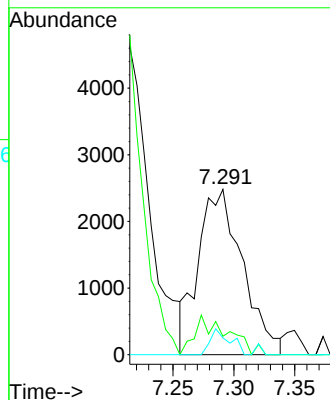
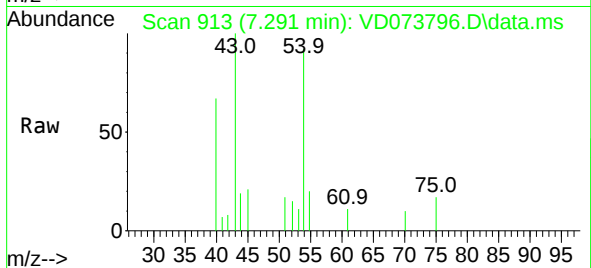
Ion	Ratio	Lower	Upper
43	100		
61	18.0	10.7	16.1
70	6.9	7.7	11.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#38

Carbon Tetrachloride

Concen: 6.511 ug/l

RT: 8.085 min Scan# 1048

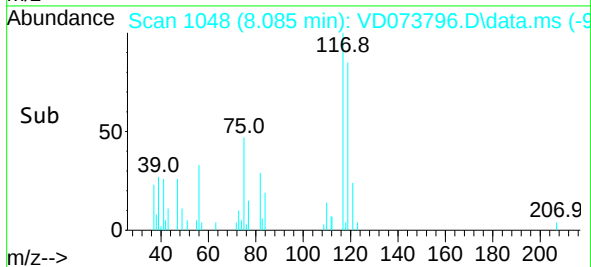
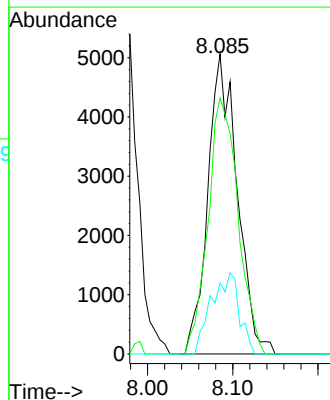
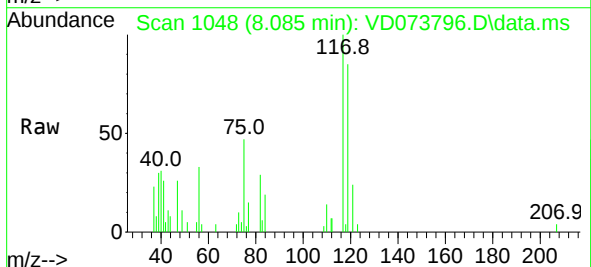
Delta R.T. -0.005 min

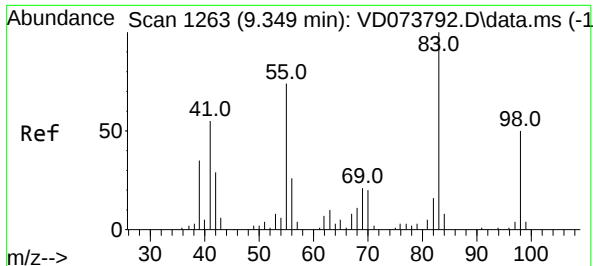
Lab File: VD073796.D

Acq: 06 Jul 2022 17:17

Tgt Ion:117 Resp: 12154

Ion	Ratio	Lower	Upper
117	100		
119	85.3	79.3	118.9
121	23.6	22.9	34.3





#39

Methylcyclohexane

Concen: 5.931 ug/l

RT: 9.350 min Scan# 1143

Delta R.T. 0.000 min

Lab File: VD073796.D

Acq: 06 Jul 2022 17:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC005

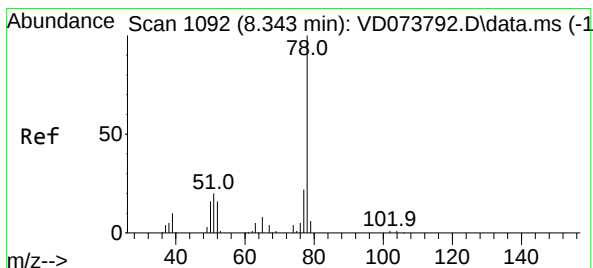
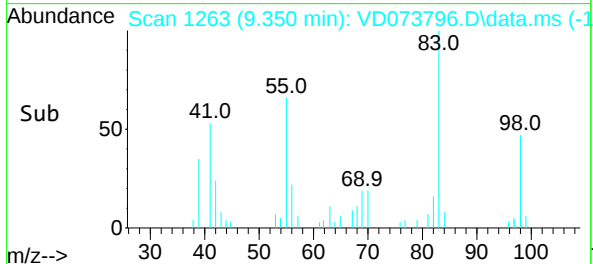
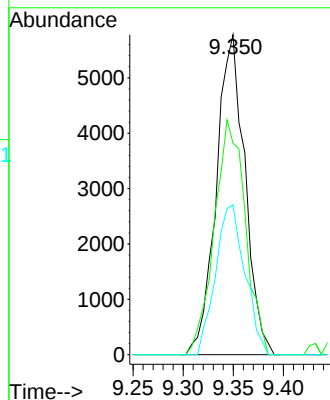
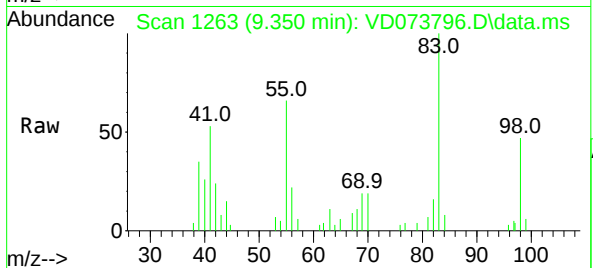
Tgt Ion:	83	Resp:	1143
Ion	Ratio	Lower	Upper
83	100		
55	66.1	59.3	88.9
98	46.8	40.4	60.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#40

Benzene

Concen: 6.060 ug/l

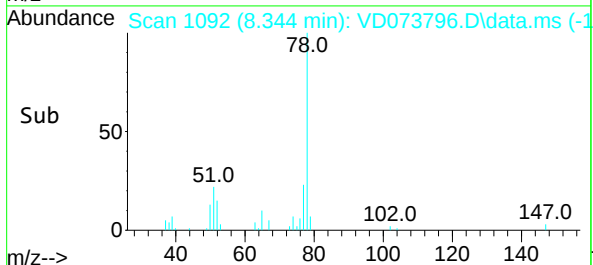
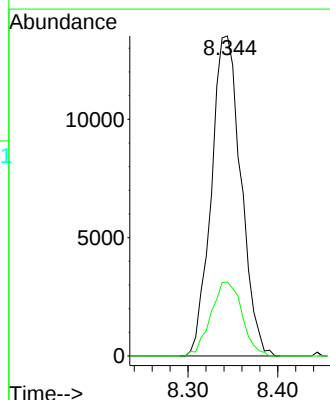
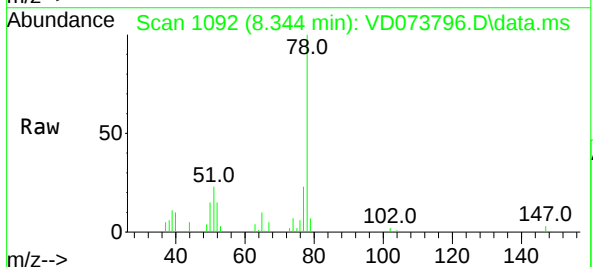
RT: 8.344 min Scan# 1092

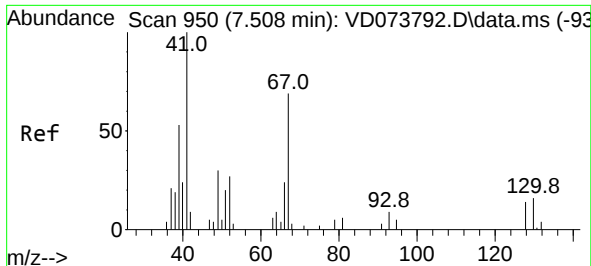
Delta R.T. 0.000 min

Lab File: VD073796.D

Acq: 06 Jul 2022 17:17

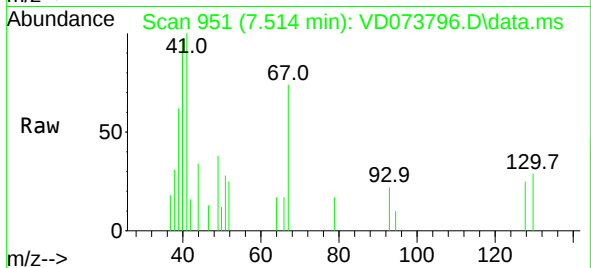
Tgt Ion:	78	Resp:	30949
Ion	Ratio	Lower	Upper
78	100		
77	23.1	17.8	26.6





#41
Methacrylonitrile
Concen: 6.386 ug/l
RT: 7.514 min Scan# 910
Delta R.T. 0.006 min
Lab File: VD073796.D
Acq: 06 Jul 2022 17:17

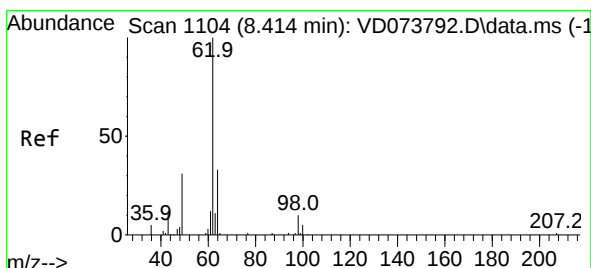
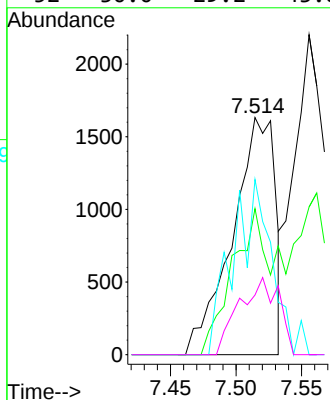
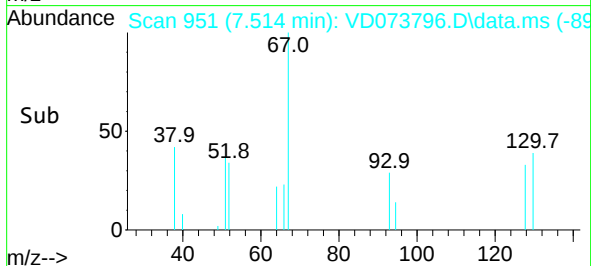
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005



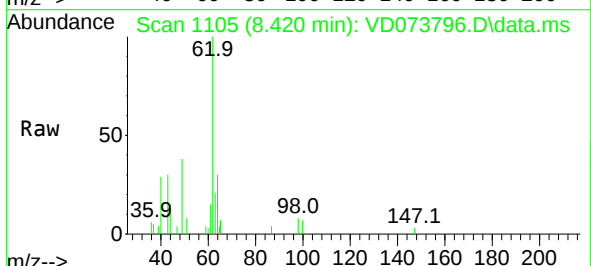
Tgt Ion: 41 Resp: 3710
Ion Ratio Lower Upper
41 100
39 49.0 51.3 76.9
67 67.7 65.5 98.3
52 30.0 29.2 43.8

Manual Integrations
APPROVED

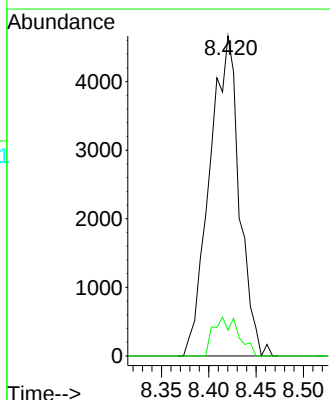
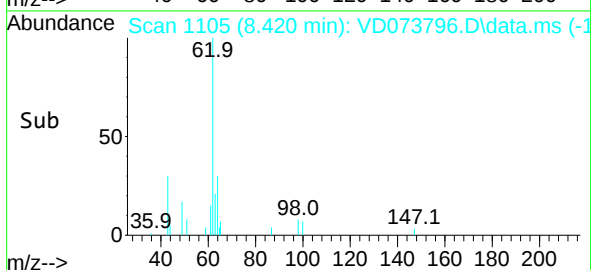
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

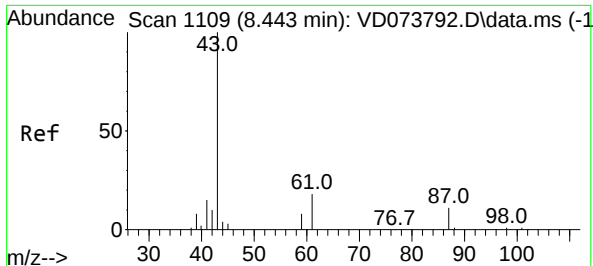


#42
1,2-Dichloroethane
Concen: 6.469 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VD073796.D
Acq: 06 Jul 2022 17:17



Tgt Ion: 62 Resp: 10215
Ion Ratio Lower Upper
62 100
98 10.2 0.0 17.4





#43

Isopropyl Acetate

Concen: 5.904 ug/l

RT: 8.450 min Scan# 1110

Delta R.T. 0.006 min

Lab File: VD073796.D

Acq: 06 Jul 2022 17:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC005

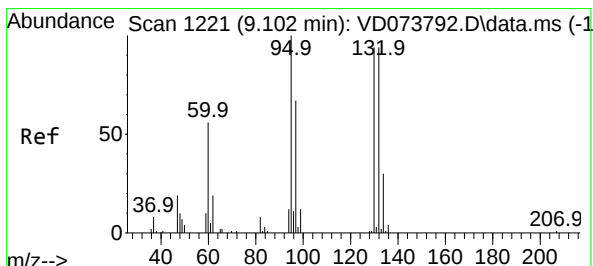
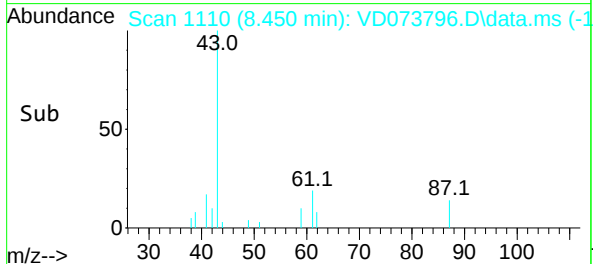
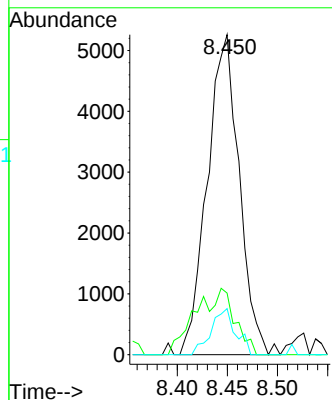
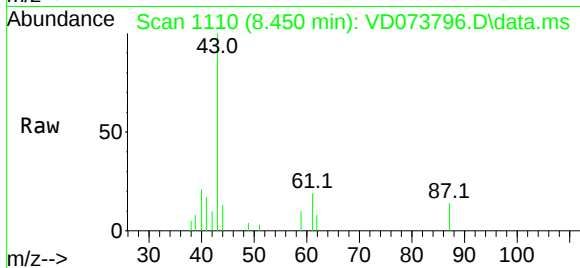
Tgt Ion: 43	Resp: 1165
Ion Ratio	Lower Upper
43 100	
61 13.4	21.8 32.8
87 11.0	9.6 14.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#44

Trichloroethene

Concen: 6.596 ug/l

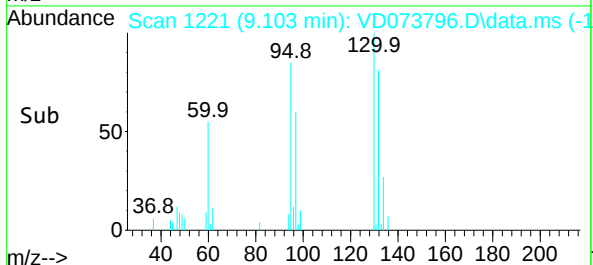
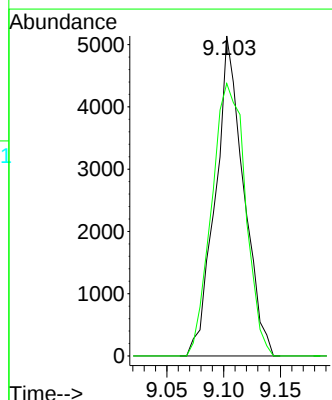
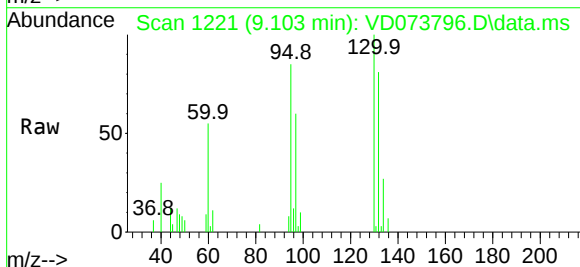
RT: 9.103 min Scan# 1221

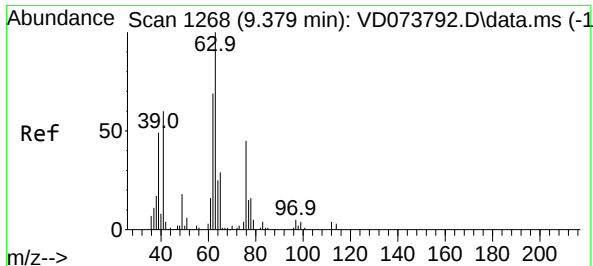
Delta R.T. 0.000 min

Lab File: VD073796.D

Acq: 06 Jul 2022 17:17

Tgt Ion:130	Resp: 8866
Ion Ratio	Lower Upper
130 100	
95 85.2	0.0 212.6





#45

1,2-Dichloropropane

Concen: 5.678 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. 0.000 min

Lab File: VD073796.D

Acq: 06 Jul 2022 17:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 8318

Ion Ratio Lower Upper

63 100

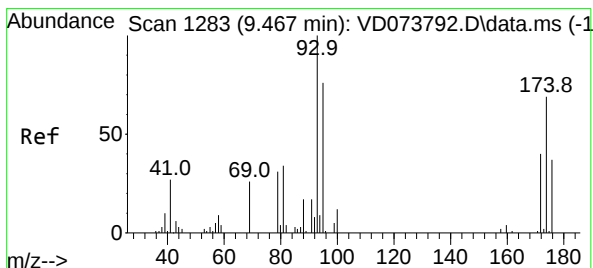
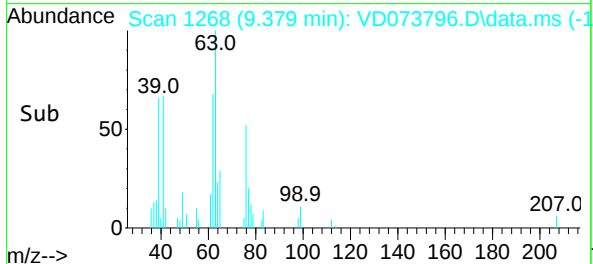
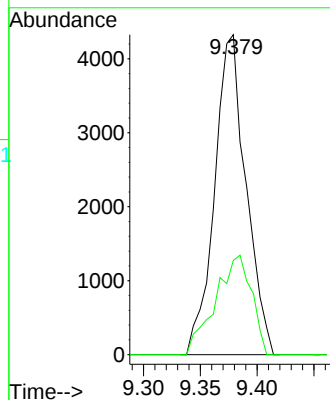
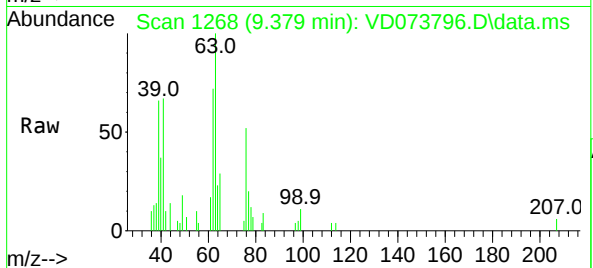
65 29.4 23.4 35.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#46

Dibromomethane

Concen: 6.668 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. 0.006 min

Lab File: VD073796.D

Acq: 06 Jul 2022 17:17

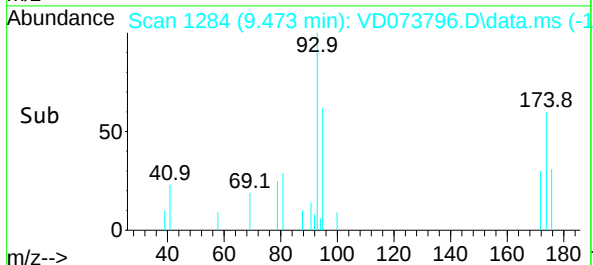
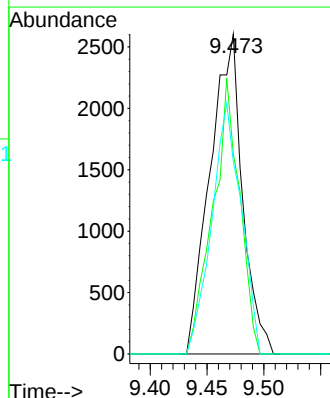
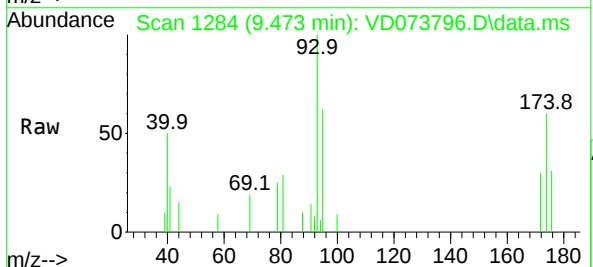
Tgt Ion: 93 Resp: 5169

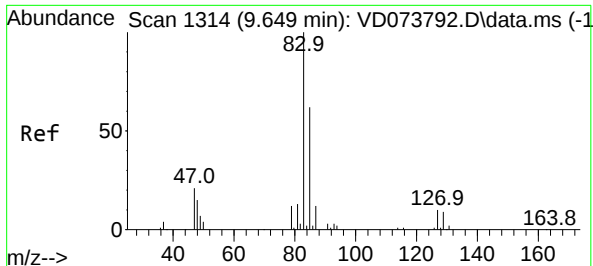
Ion Ratio Lower Upper

93 100

95 71.3 64.8 97.2

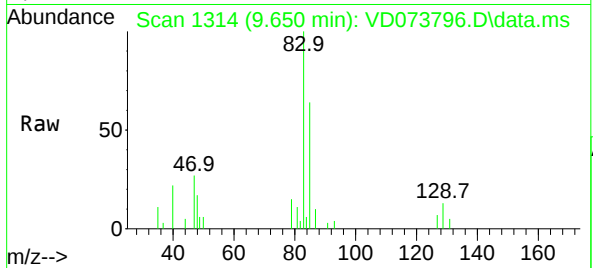
174 71.3 59.3 88.9





#47
Bromodichloromethane
Concen: 6.388 ug/l
RT: 9.650 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VD073796.D
Acq: 06 Jul 2022 17:17

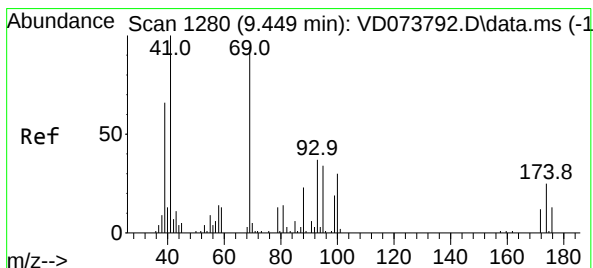
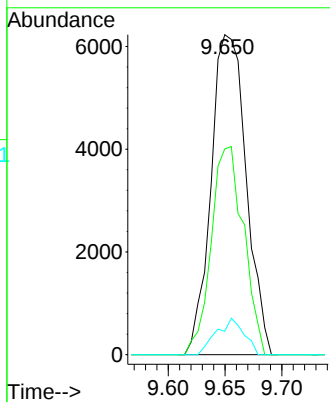
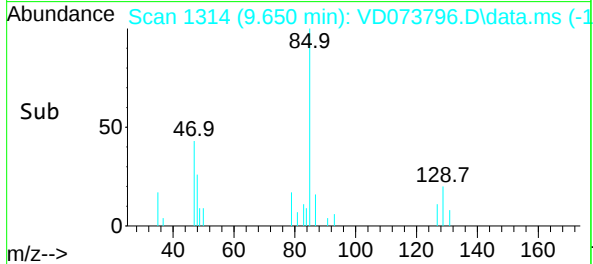
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005



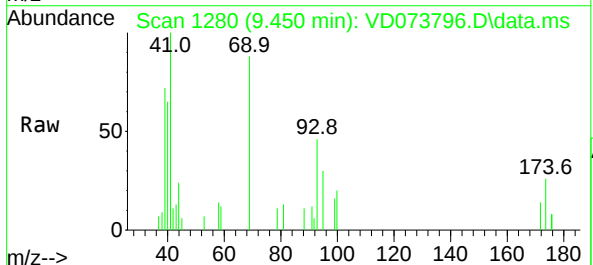
Tgt Ion: 83 Resp: 13412
Ion Ratio Lower Upper
83 100
85 64.3 49.4 74.0
127 7.3 7.8 11.6

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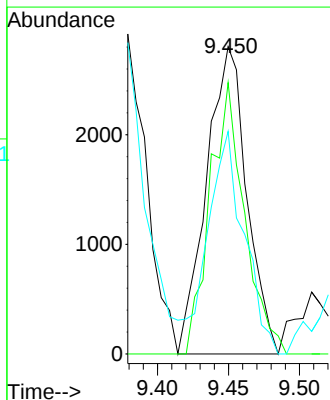
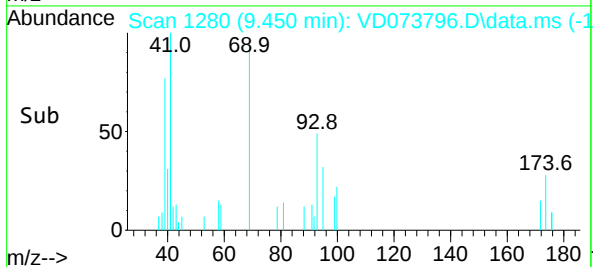
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

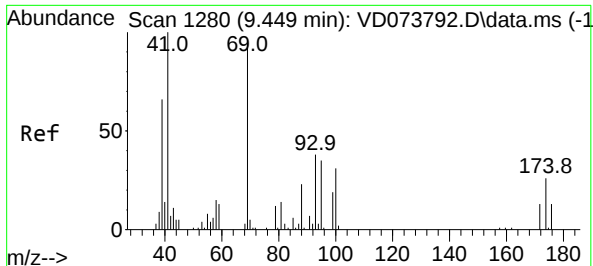


#48
Methyl methacrylate
Concen: 6.271 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VD073796.D
Acq: 06 Jul 2022 17:17



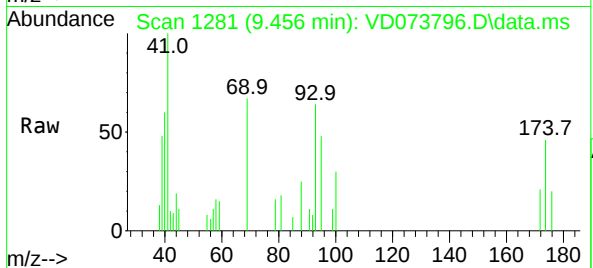
Tgt Ion: 41 Resp: 5536
Ion Ratio Lower Upper
41 100
69 75.6 64.6 96.8
39 65.5 54.2 81.4





#49
1,4-Dioxane
Concen: 97.592 ug/l
RT: 9.456 min Scan# 1280
Delta R.T. 0.006 min
Lab File: VD073796.D
Acq: 06 Jul 2022 17:17

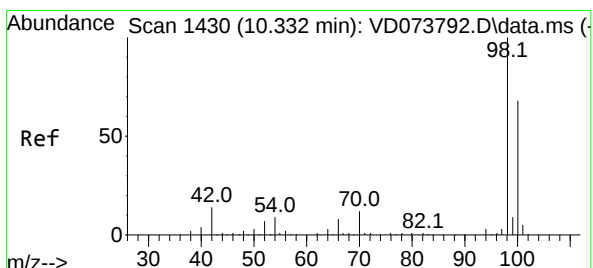
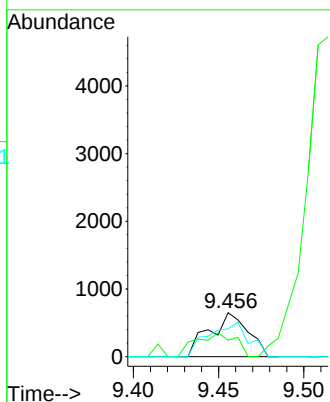
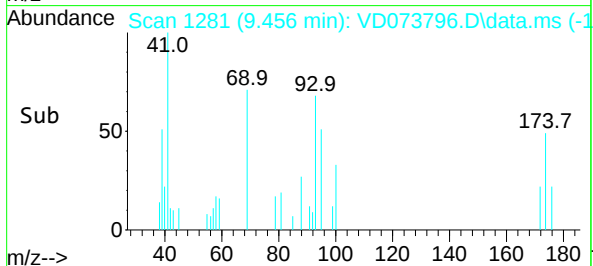
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



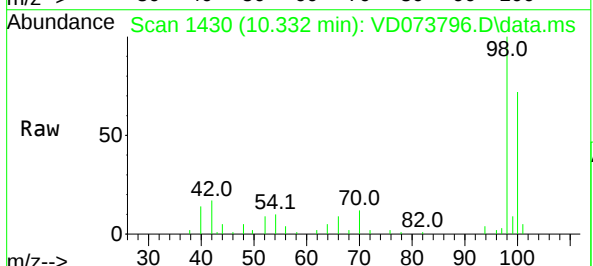
Tgt Ion: 88 Resp: 1019
Ion Ratio Lower Upper
88 100
43 55.5 33.3 49.9
58 81.2 54.2 81.4

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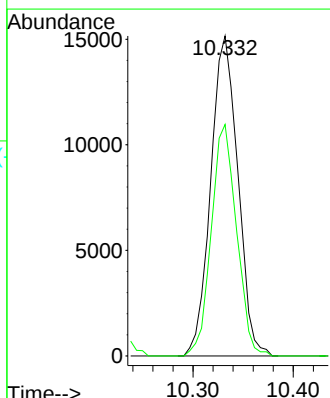
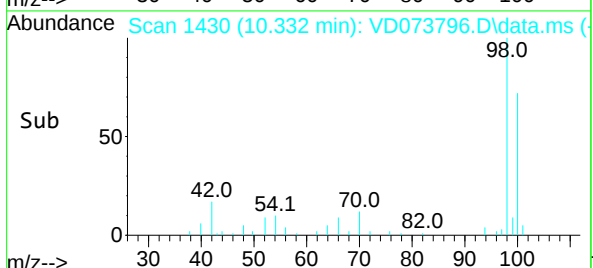
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

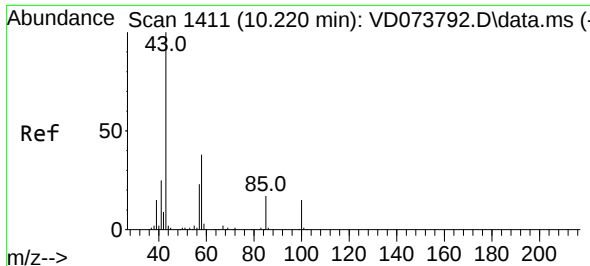


#50
Toluene-d8
Concen: 6.267 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073796.D
Acq: 06 Jul 2022 17:17



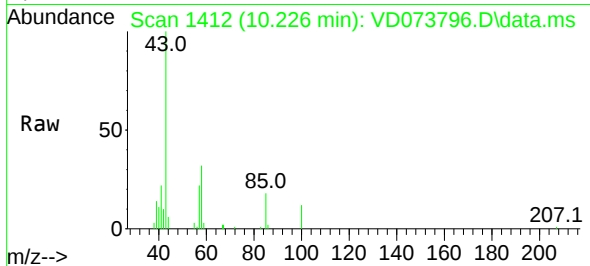
Tgt Ion: 98 Resp: 28433
Ion Ratio Lower Upper
98 100
100 67.3 51.9 77.9





#51
4-Methyl-2-Pentanone
Concen: 29.222 ug/l
RT: 10.226 min Scan# 1411
Delta R.T. 0.006 min
Lab File: VD073796.D
Acq: 06 Jul 2022 17:17

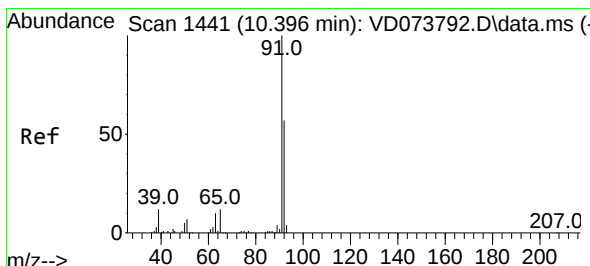
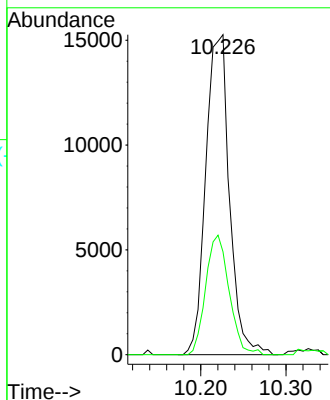
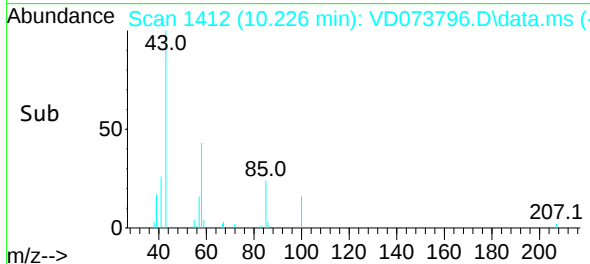
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005



Tgt Ion: 43 Resp: 2956
Ion Ratio Lower Upper
43 100
58 36.9 30.1 45.1

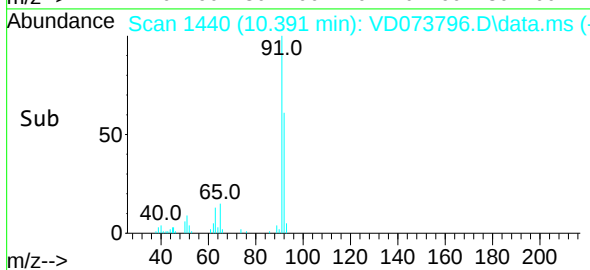
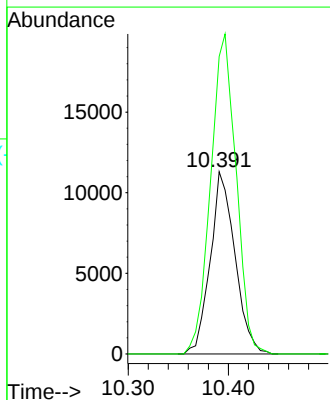
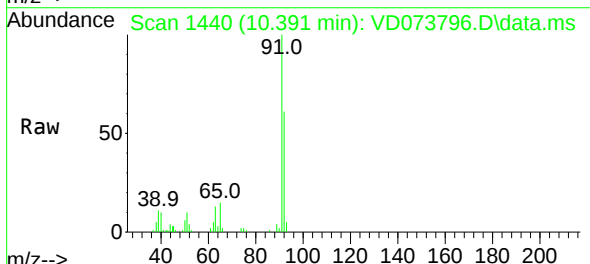
Manual Integrations
APPROVED

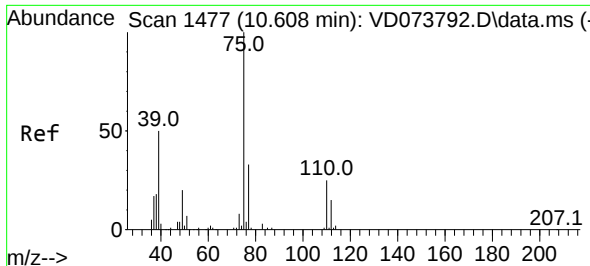
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#52
Toluene
Concen: 5.678 ug/l
RT: 10.391 min Scan# 1440
Delta R.T. -0.006 min
Lab File: VD073796.D
Acq: 06 Jul 2022 17:17

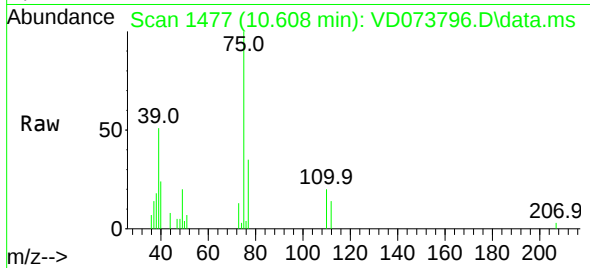
Tgt Ion: 92 Resp: 19345
Ion Ratio Lower Upper
92 100
91 181.1 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 5.928 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VD073796.D
Acq: 06 Jul 2022 17:17

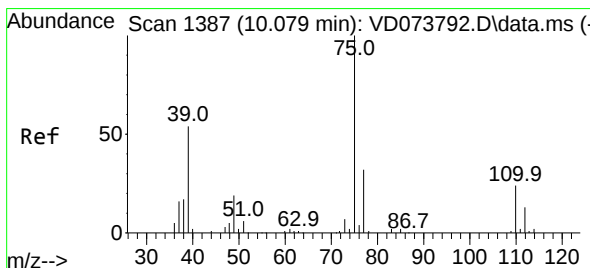
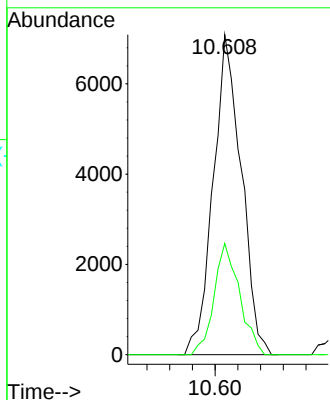
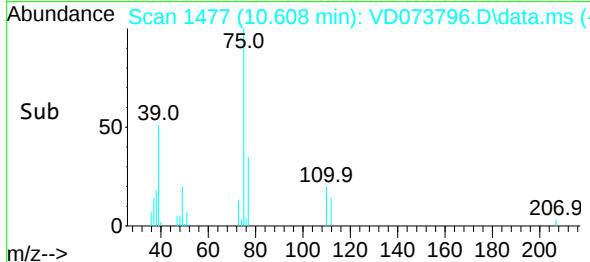
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 1215
Ion Ratio Lower Upper
75 100
77 34.7 26.6 40.0

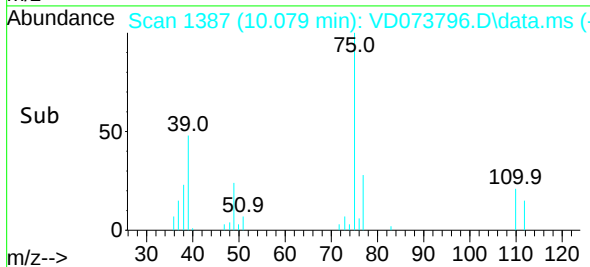
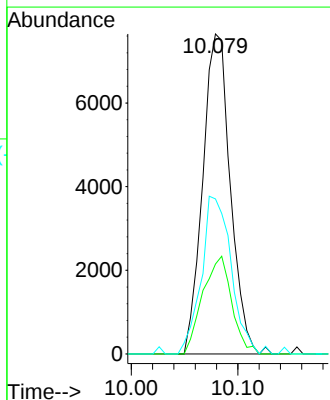
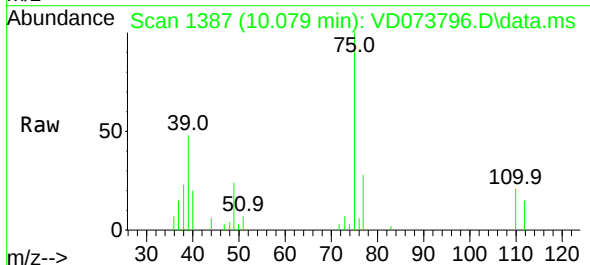
Manual Integrations
APPROVED

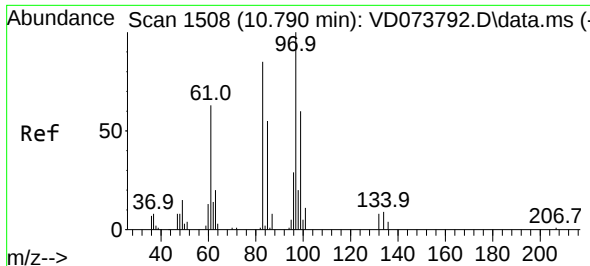
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#54
cis-1,3-Dichloropropene
Concen: 5.984 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VD073796.D
Acq: 06 Jul 2022 17:17

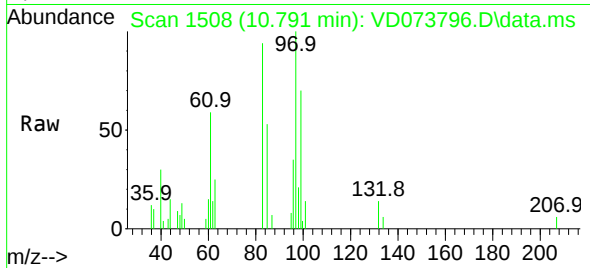
Tgt Ion: 75 Resp: 13797
Ion Ratio Lower Upper
75 100
77 28.1 25.4 38.0
39 48.5 42.9 64.3





#55
1,1,2-Trichloroethane
Concen: 5.812 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VD073796.D
Acq: 06 Jul 2022 17:17

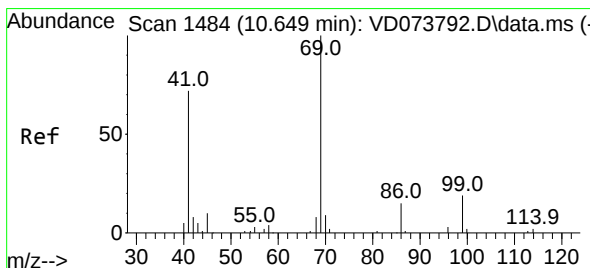
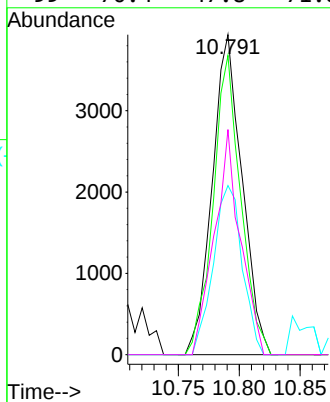
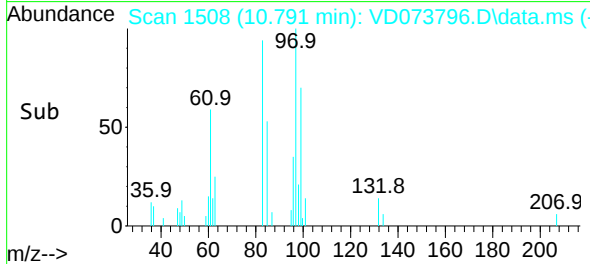
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



Tgt Ion:	97	Resp:	669
Ion	Ratio	Lower	Upper
97	100		
83	93.5	68.2	102.2
85	52.9	43.9	65.9
99	70.4	47.8	71.8

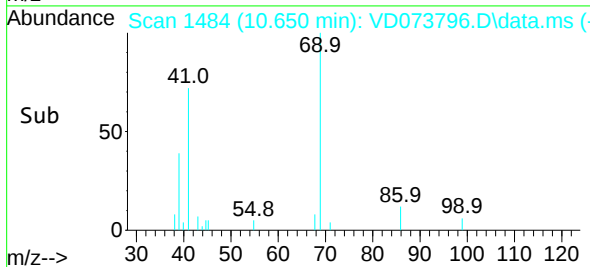
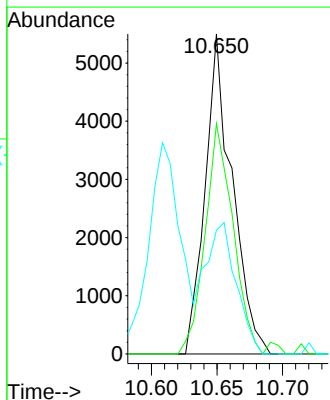
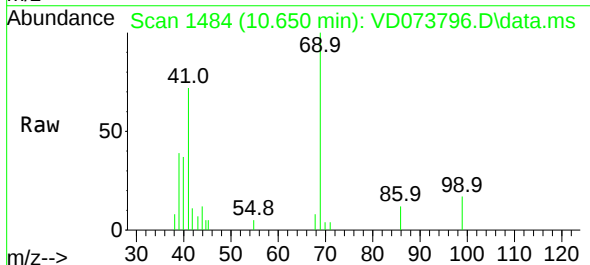
Manual Integrations
APPROVED

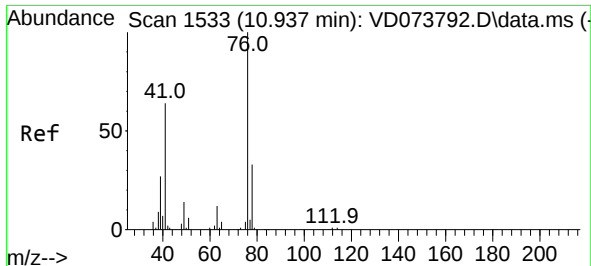
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#56
Ethyl methacrylate
Concen: 5.177 ug/l
RT: 10.650 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VD073796.D
Acq: 06 Jul 2022 17:17

Tgt Ion:	69	Resp:	7880
Ion	Ratio	Lower	Upper
69	100		
41	74.2	58.1	87.1
39	47.6	36.6	54.8





#57

1,3-Dichloropropane

Concen: 5.761 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VD073796.D

Acq: 06 Jul 2022 17:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tgt Ion: 76 Resp: 1119

Ion Ratio Lower Upper

76 100

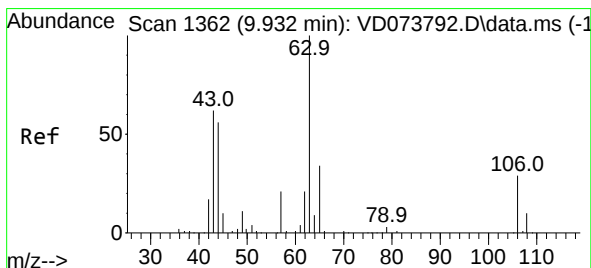
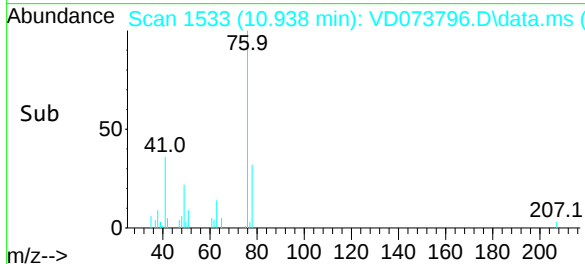
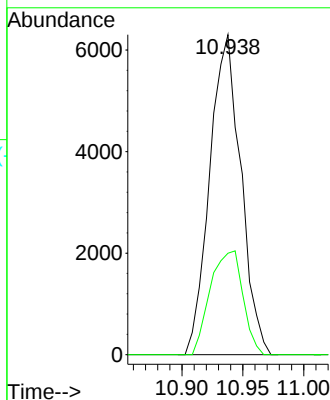
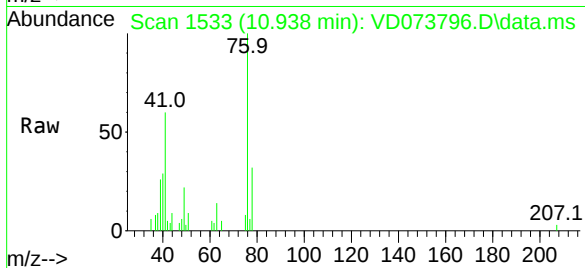
78 34.0 26.6 40.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#58

2-Chloroethyl Vinyl ether

Concen: 29.138 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VD073796.D

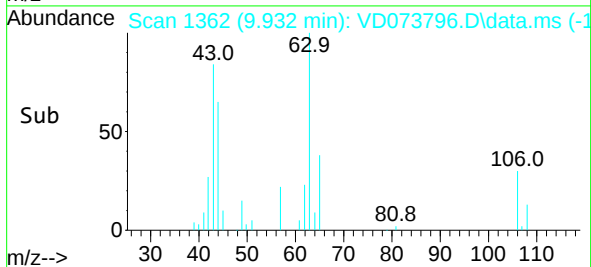
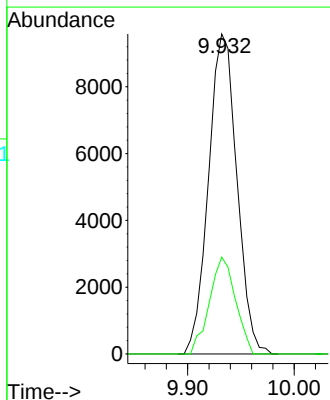
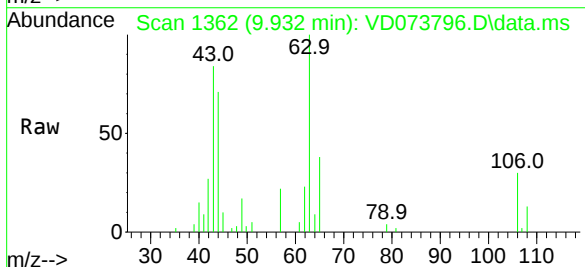
Acq: 06 Jul 2022 17:17

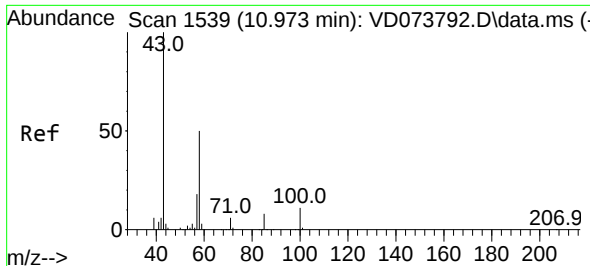
Tgt Ion: 63 Resp: 17740

Ion Ratio Lower Upper

63 100

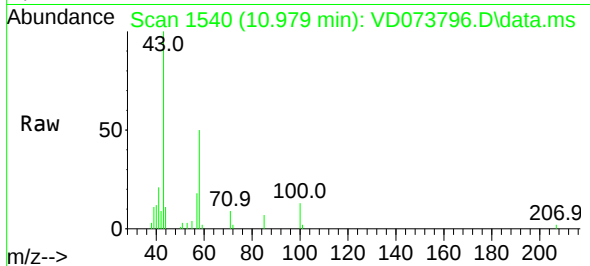
106 27.7 22.2 33.4





#59
2-Hexanone
Concen: 29.535 ug/l
RT: 10.979 min Scan# 1539
Delta R.T. 0.006 min
Lab File: VD073796.D
Acq: 06 Jul 2022 17:17

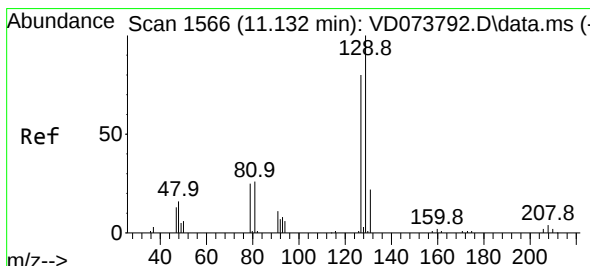
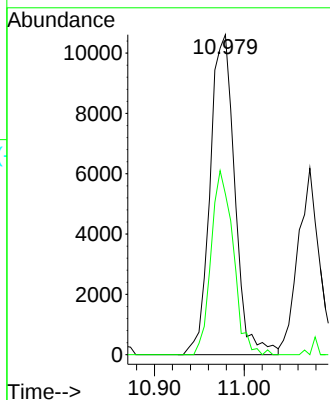
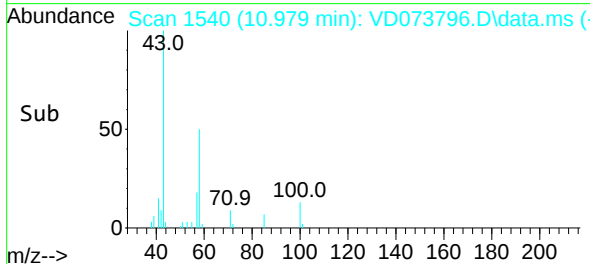
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 20290
Ion Ratio Lower Upper
43 100
58 51.7 26.2 78.6

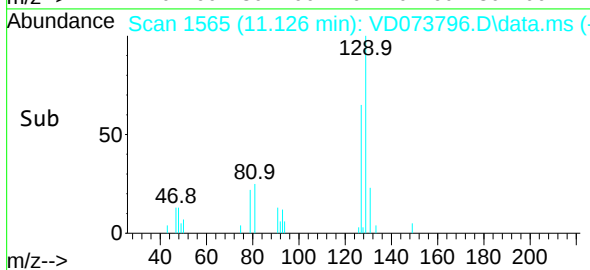
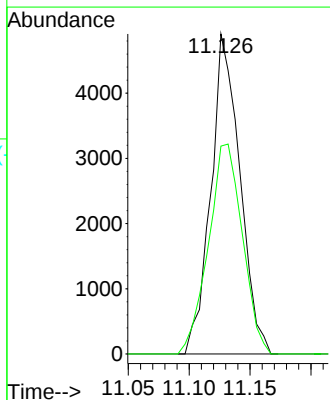
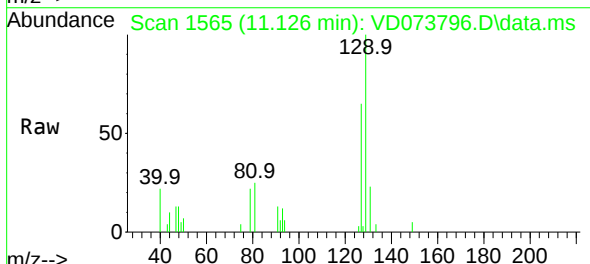
Manual Integrations
APPROVED

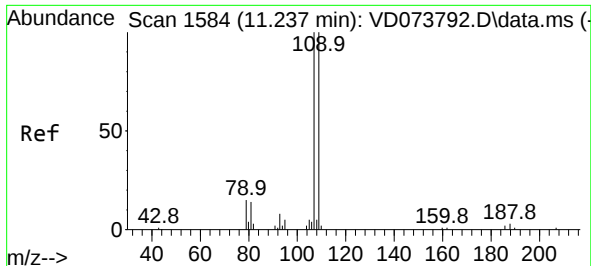
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#60
Dibromochloromethane
Concen: 5.797 ug/l
RT: 11.126 min Scan# 1565
Delta R.T. -0.005 min
Lab File: VD073796.D
Acq: 06 Jul 2022 17:17

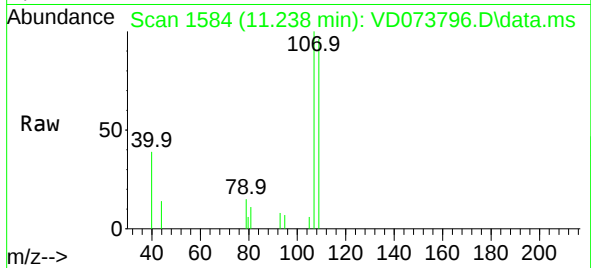
Tgt Ion:129 Resp: 8152
Ion Ratio Lower Upper
129 100
127 76.6 38.5 115.5





#61
1,2-Dibromoethane
Concen: 5.646 ug/l
RT: 11.238 min Scan# 11584
Delta R.T. 0.000 min
Lab File: VD073796.D
Acq: 06 Jul 2022 17:17

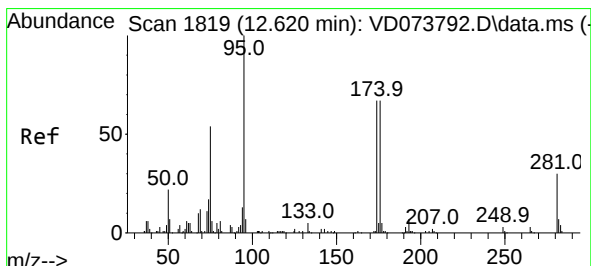
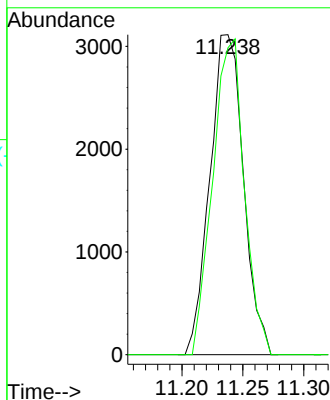
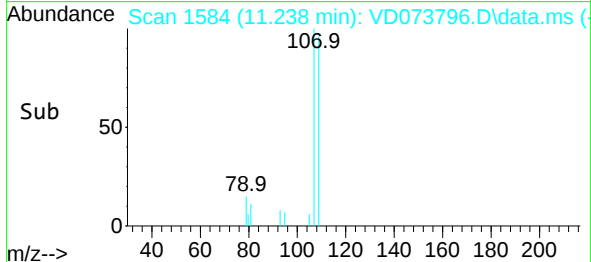
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005



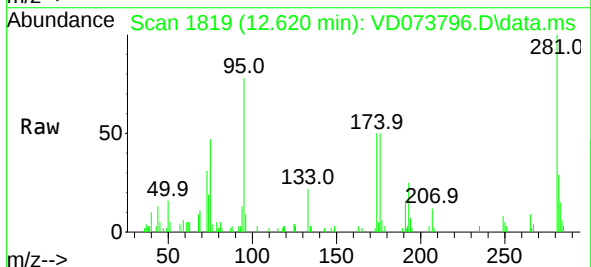
Tgt Ion:107 Resp: 5980
Ion Ratio Lower Upper
107 100
109 92.8 78.6 117.8

Manual Integrations
APPROVED

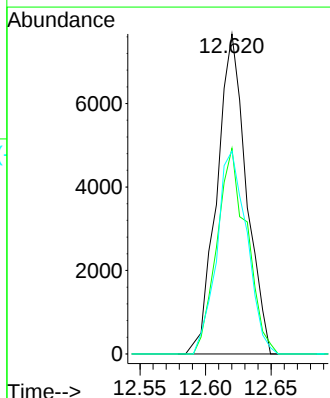
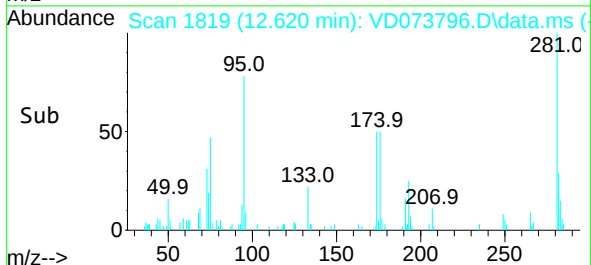
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

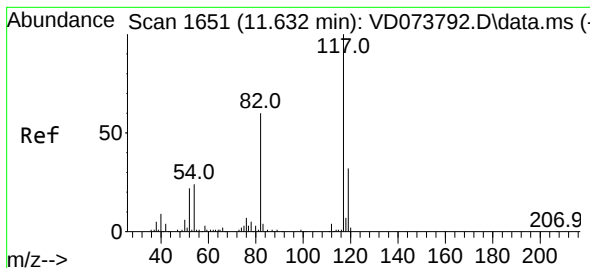


#62
4-Bromofluorobenzene
Concen: 6.632 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073796.D
Acq: 06 Jul 2022 17:17



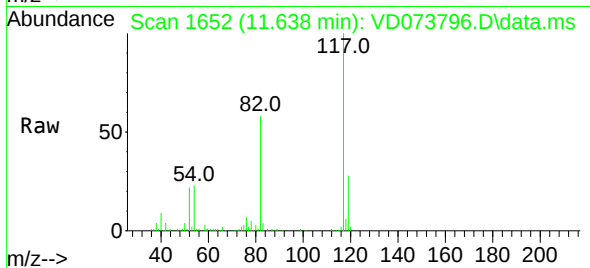
Tgt Ion: 95 Resp: 11952
Ion Ratio Lower Upper
95 100
174 65.5 0.0 132.4
176 65.1 0.0 129.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1163
Delta R.T. 0.006 min
Lab File: VD073796.D
Acq: 06 Jul 2022 17:17

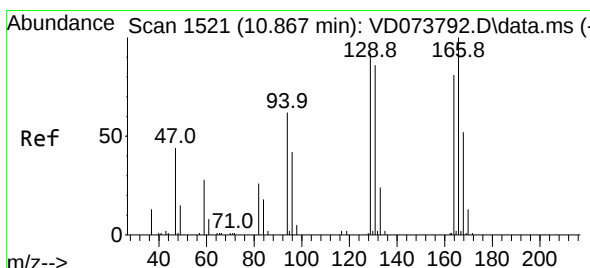
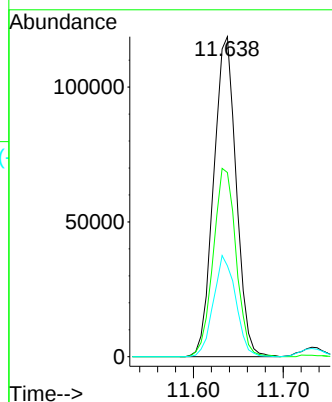
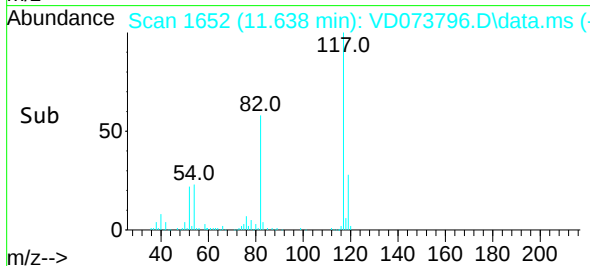
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



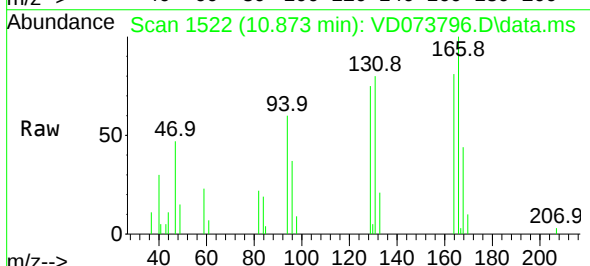
Tgt Ion:117 Resp: 20703
Ion Ratio Lower Upper
117 100
82 57.6 48.2 72.2
119 28.4 25.2 37.8

Manual Integrations
APPROVED

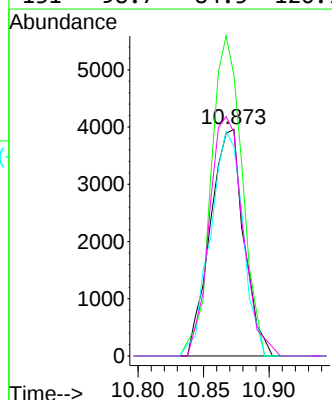
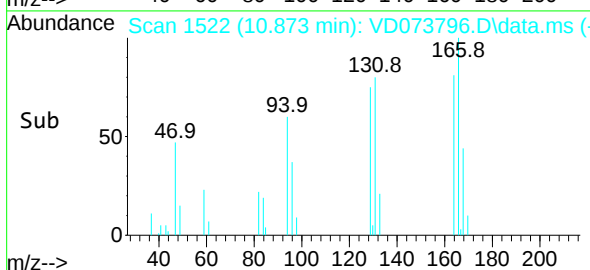
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

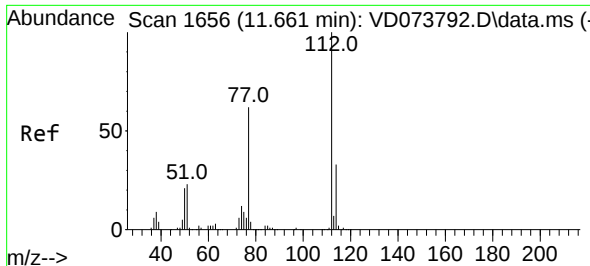


#64
Tetrachloroethene
Concen: 6.679 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.006 min
Lab File: VD073796.D
Acq: 06 Jul 2022 17:17



Tgt Ion:164 Resp: 7055
Ion Ratio Lower Upper
164 100
166 123.8 98.8 148.2
129 92.3 91.0 136.4
131 98.7 84.5 126.7





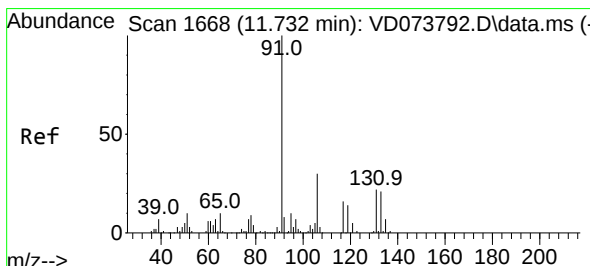
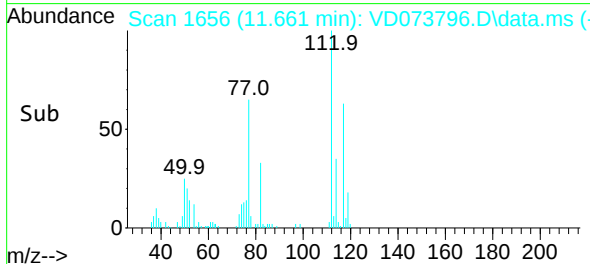
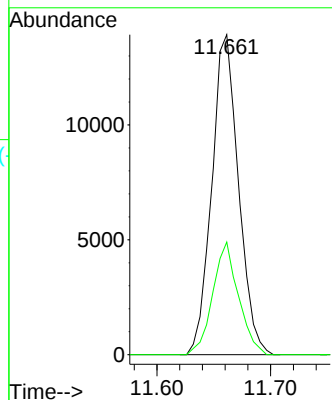
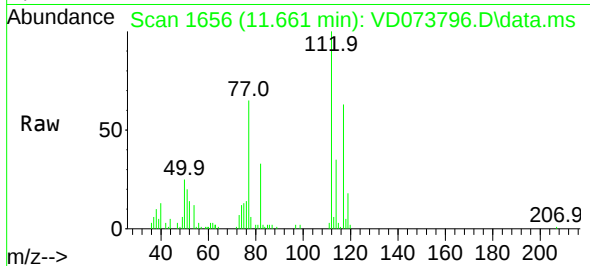
#65
Chlorobenzene
Concen: 5.925 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD073796.D
Acq: 06 Jul 2022 17:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Tgt Ion:112 Resp: 2278
Ion Ratio Lower Upper
112 100
114 35.2 26.6 39.8

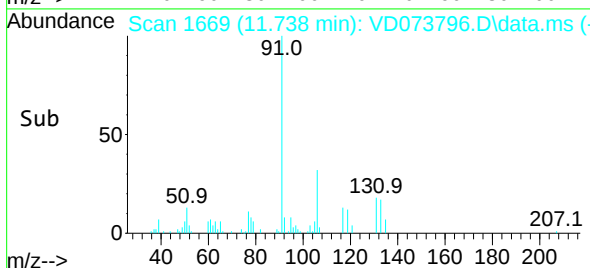
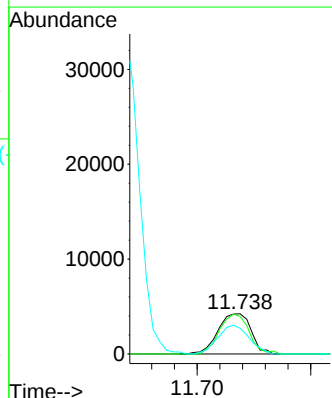
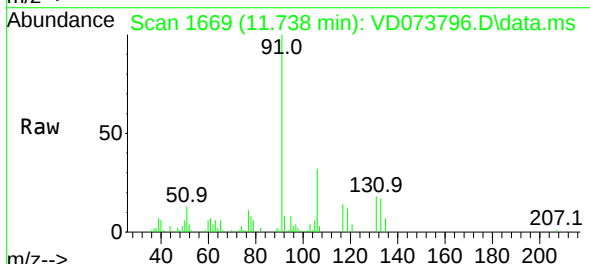
Manual Integrations
APPROVED

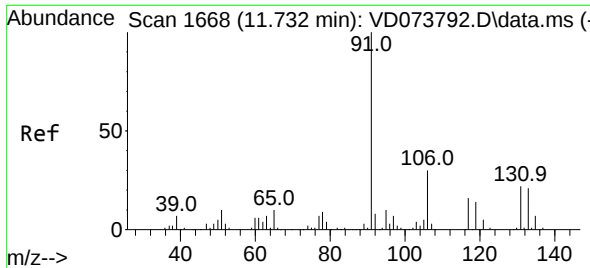
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 5.879 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VD073796.D
Acq: 06 Jul 2022 17:17

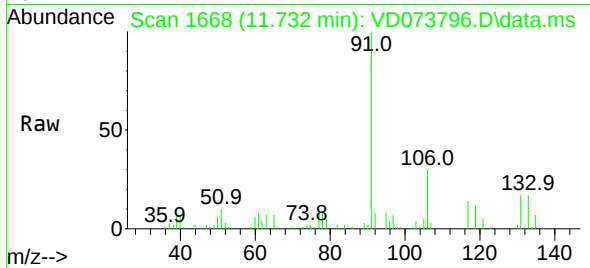
Tgt Ion:131 Resp: 8553
Ion Ratio Lower Upper
131 100
133 88.8 48.4 145.3
119 67.8 33.1 99.3





#67
Ethyl Benzene
Concen: 5.843 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VD073796.D
Acq: 06 Jul 2022 17:17

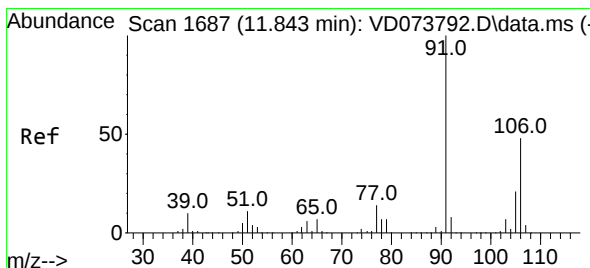
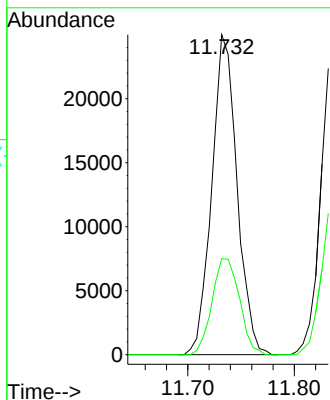
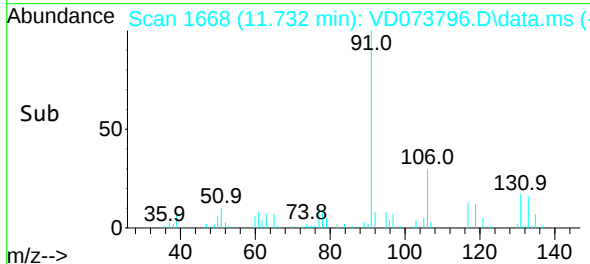
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



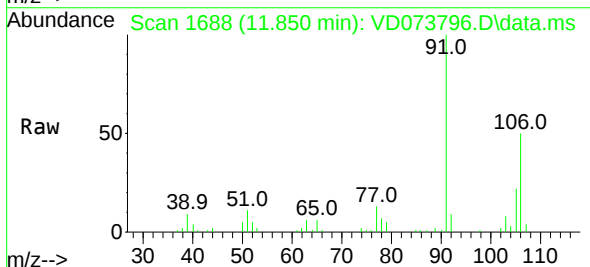
Tgt Ion: 91 Resp: 41094
Ion Ratio Lower Upper
91 100
106 30.0 24.1 36.1

Manual Integrations
APPROVED

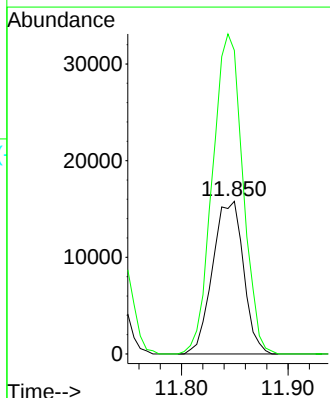
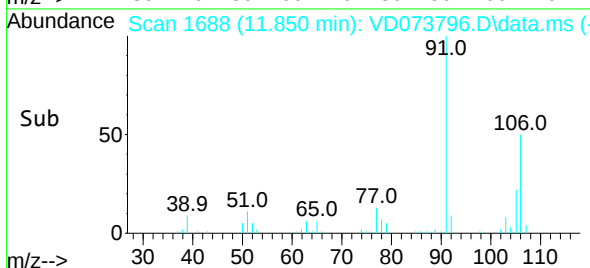
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

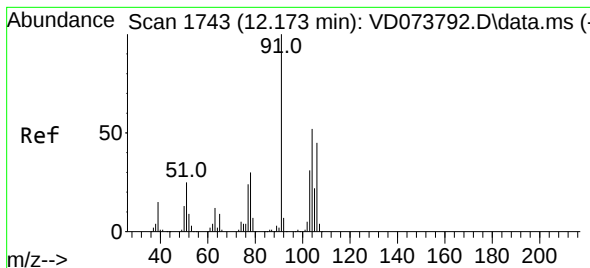


#68
m/p-Xylenes
Concen: 11.851 ug/l
RT: 11.850 min Scan# 1688
Delta R.T. 0.006 min
Lab File: VD073796.D
Acq: 06 Jul 2022 17:17



Tgt Ion:106 Resp: 31762
Ion Ratio Lower Upper
106 100
91 206.0 165.4 248.2





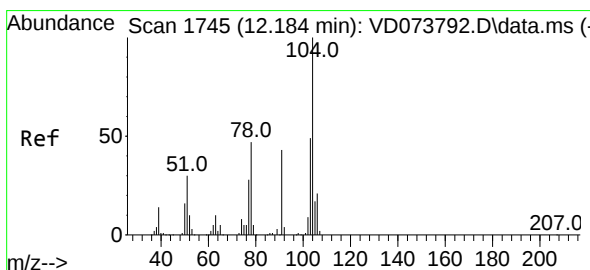
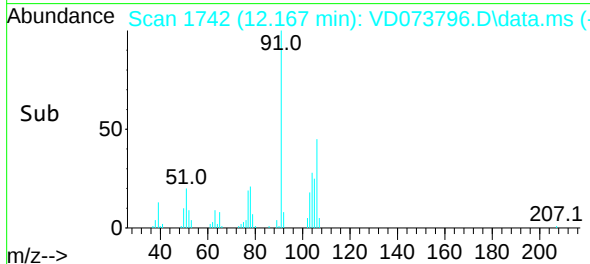
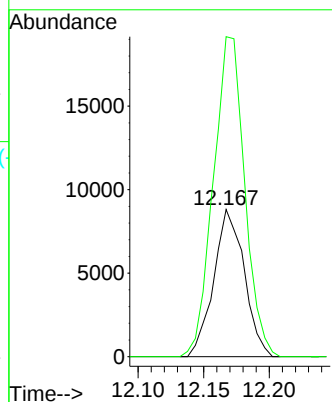
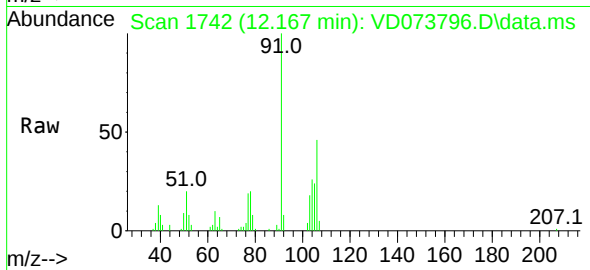
#69
o-Xylene
Concen: 5.448 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. -0.006 min
Lab File: VD073796.D
Acq: 06 Jul 2022 17:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Tgt Ion:106 Resp: 14260
Ion Ratio Lower Upper
106 100
91 223.1 112.3 336.8

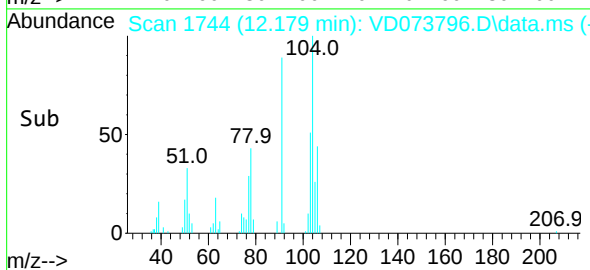
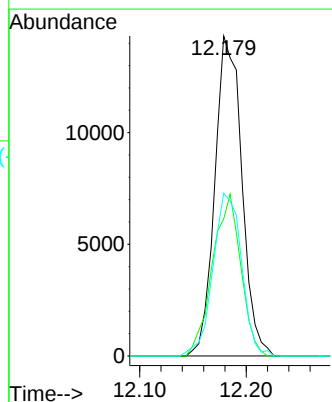
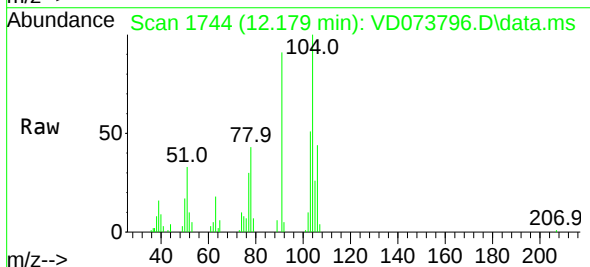
Manual Integrations
APPROVED

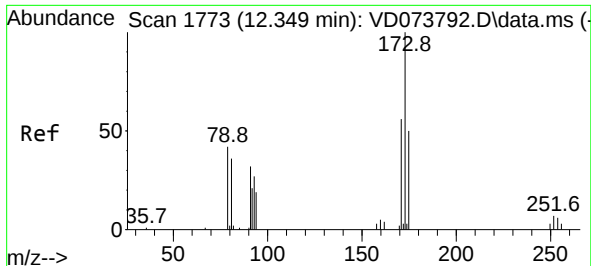
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#70
Styrene
Concen: 5.583 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.006 min
Lab File: VD073796.D
Acq: 06 Jul 2022 17:17

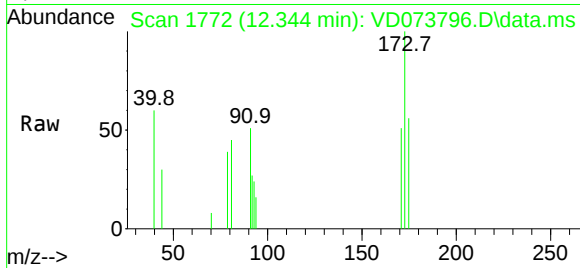
Tgt Ion:104 Resp: 25169
Ion Ratio Lower Upper
104 100
78 52.8 42.2 63.2
103 53.9 43.9 65.9





#71
Bromoform
Concen: 4.902 ug/l
RT: 12.344 min Scan# 1772
Delta R.T. -0.006 min
Lab File: VD073796.D
Acq: 06 Jul 2022 17:17

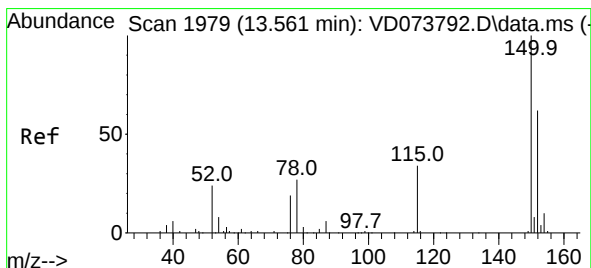
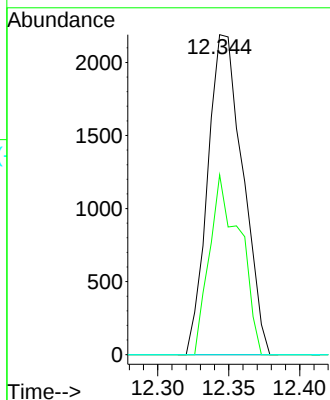
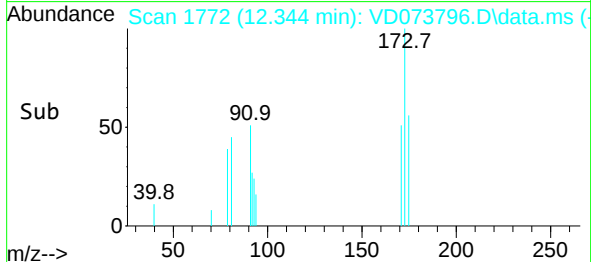
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



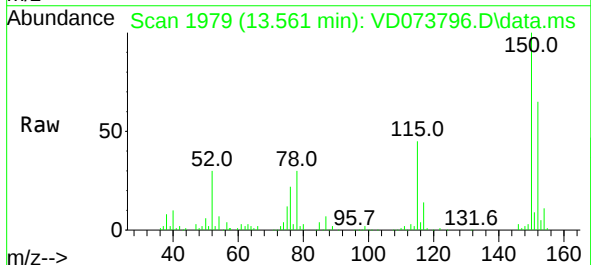
Tgt Ion:173 Resp: 3762
Ion Ratio Lower Upper
173 100
175 49.2 23.8 71.5
254 0.0 0.0 0.0

Manual Integrations
APPROVED

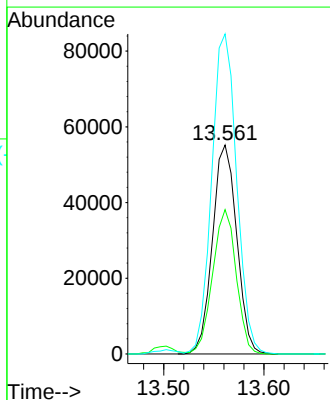
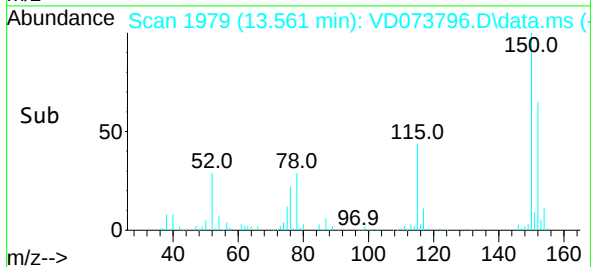
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

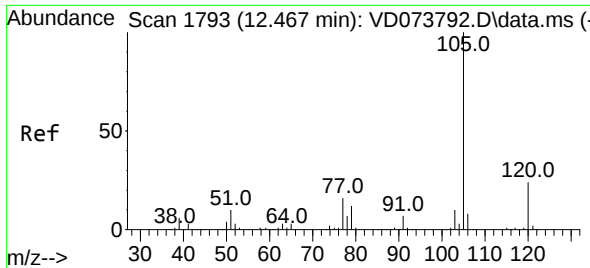


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073796.D
Acq: 06 Jul 2022 17:17



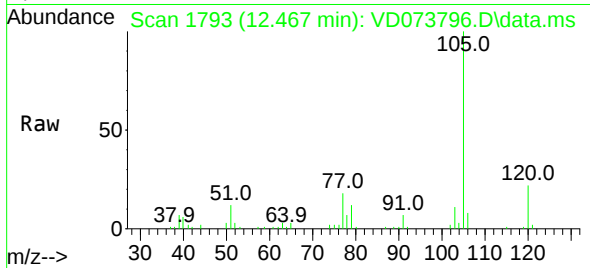
Tgt Ion:152 Resp: 92898
Ion Ratio Lower Upper
152 100
115 66.9 32.2 96.6
150 157.4 0.0 353.0





#73
Isopropylbenzene
Concen: 5.678 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD073796.D
Acq: 06 Jul 2022 17:17

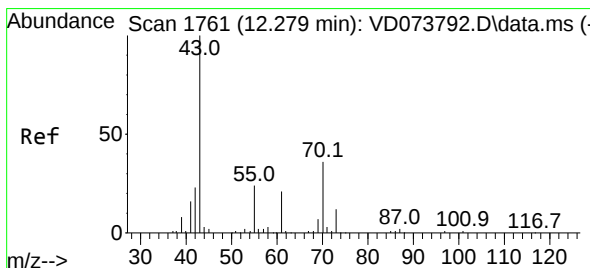
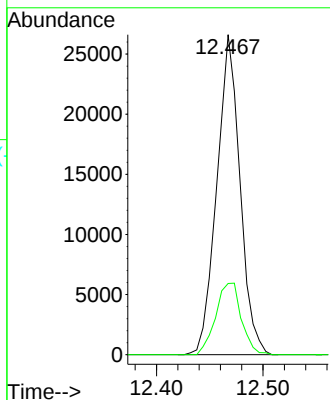
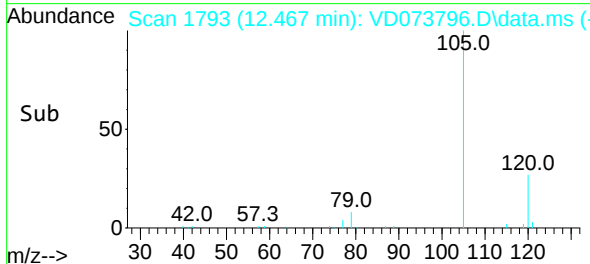
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



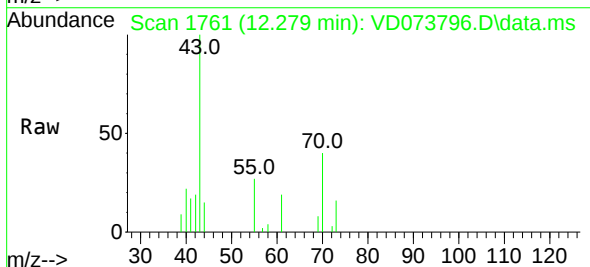
Tgt Ion:105 Resp: 4011
Ion Ratio Lower Upper
105 100
120 24.8 12.9 38.7

Manual Integrations
APPROVED

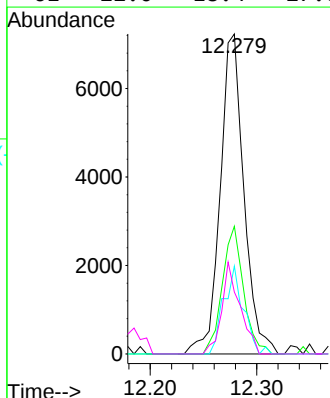
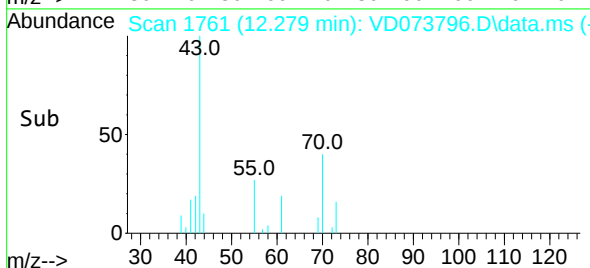
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

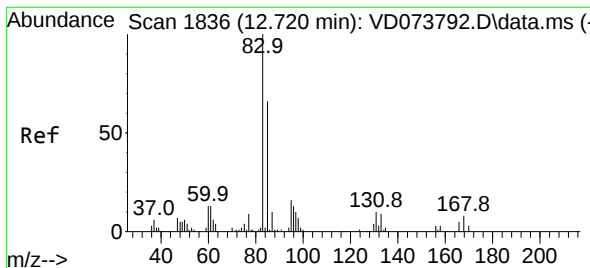


#74
N-ethyl acetate
Concen: 5.771 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD073796.D
Acq: 06 Jul 2022 17:17



Tgt Ion: 43 Resp: 11193
Ion Ratio Lower Upper
43 100
70 35.7 31.5 47.3
55 22.9 18.5 27.7
61 22.0 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 5.557 ug/l

RT: 12.714 min Scan# 1835

Delta R.T. -0.006 min

Lab File: VD073796.D

Acq: 06 Jul 2022 17:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

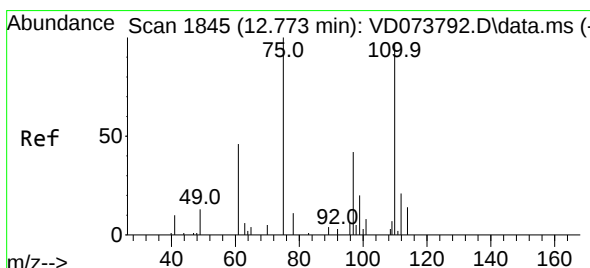
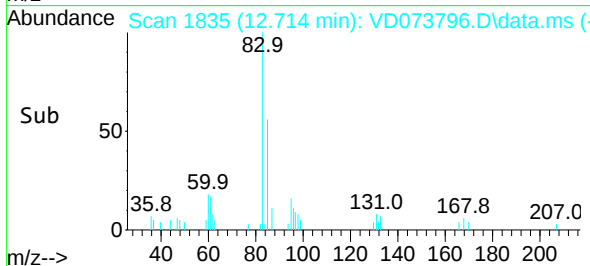
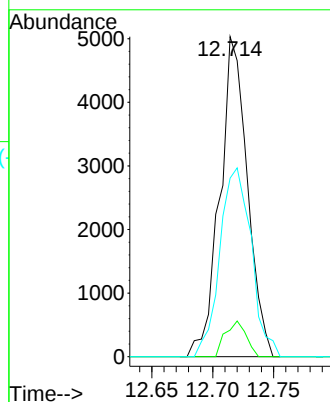
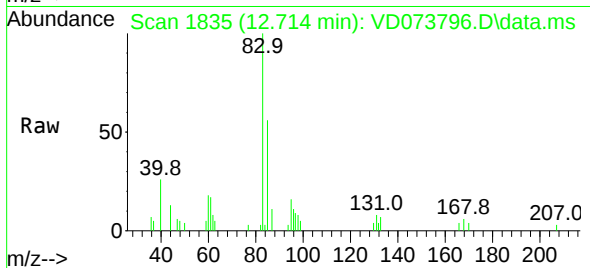
Tgt Ion:	83	Resp:	792
Ion	Ratio	Lower	Upper
83	100		
131	8.4	5.2	15.6
85	67.3	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#76

1,2,3-Trichloropropane

Concen: 6.644 ug/l m

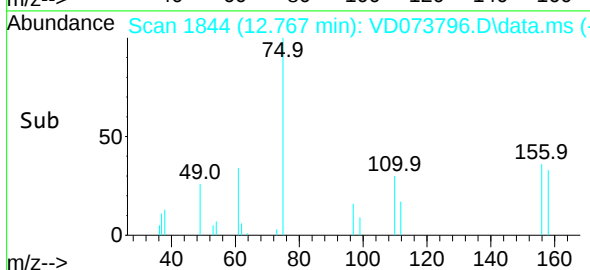
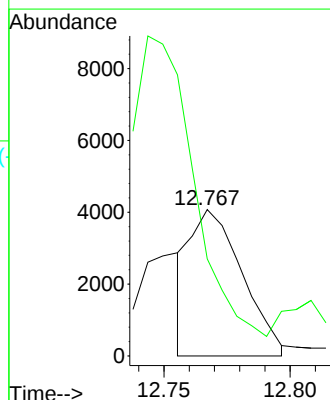
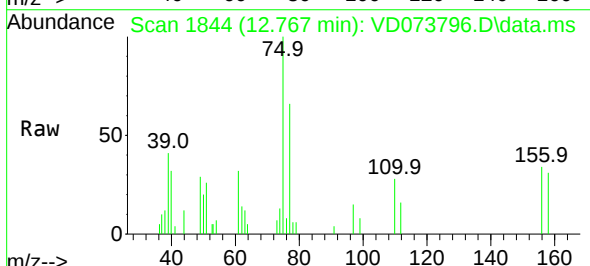
RT: 12.767 min Scan# 1844

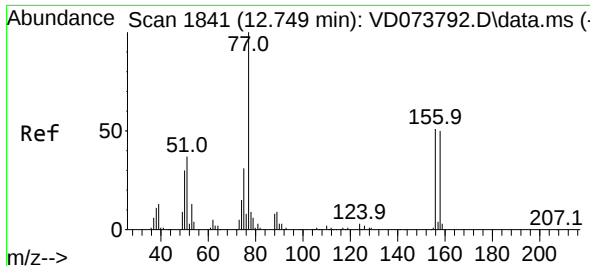
Delta R.T. -0.006 min

Lab File: VD073796.D

Acq: 06 Jul 2022 17:17

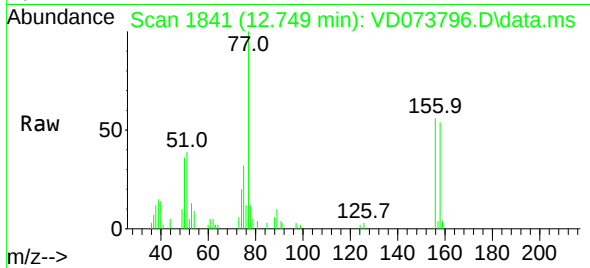
Tgt Ion:	75	Resp:	5866
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77
Bromobenzene
Concen: 5.766 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD073796.D
Acq: 06 Jul 2022 17:17

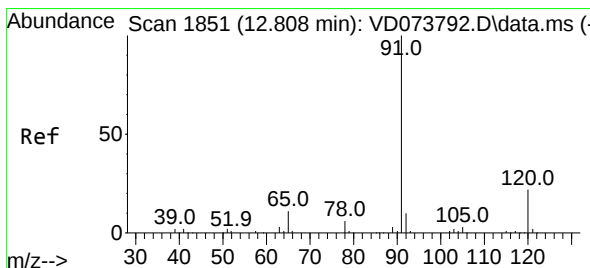
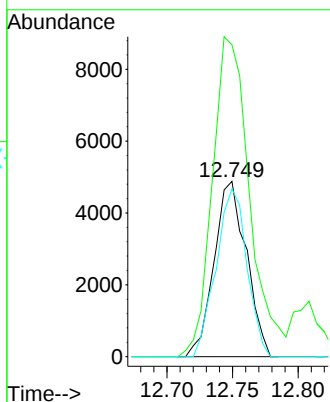
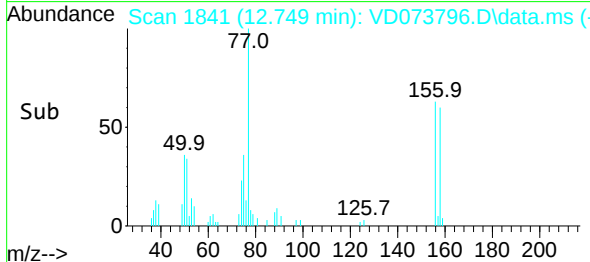
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005



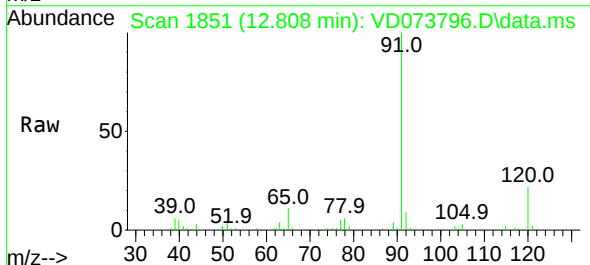
Tgt Ion:156 Resp: 833
Ion Ratio Lower Upper
156 100
77 209.9 110.8 332.4
158 91.6 49.1 147.3

Manual Integrations
APPROVED

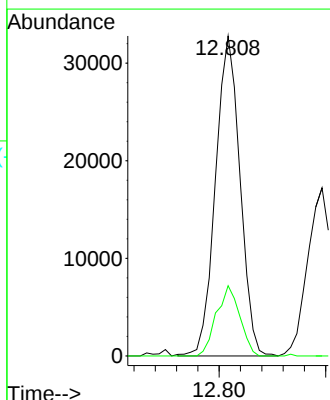
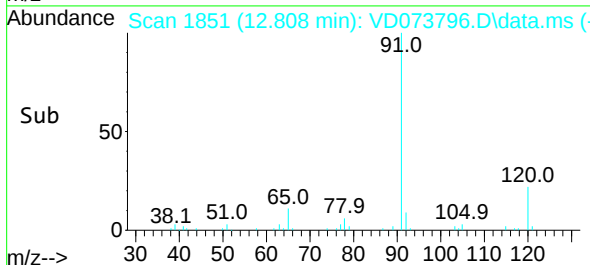
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

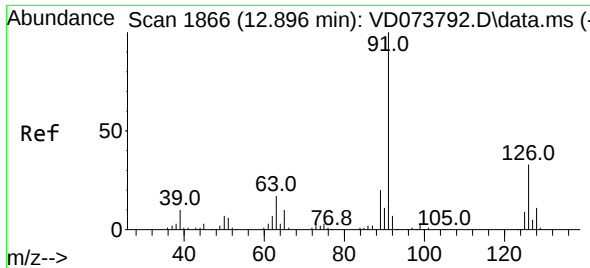


#78
n-propylbenzene
Concen: 5.921 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073796.D
Acq: 06 Jul 2022 17:17



Tgt Ion: 91 Resp: 52269
Ion Ratio Lower Upper
91 100
120 20.9 10.9 32.7





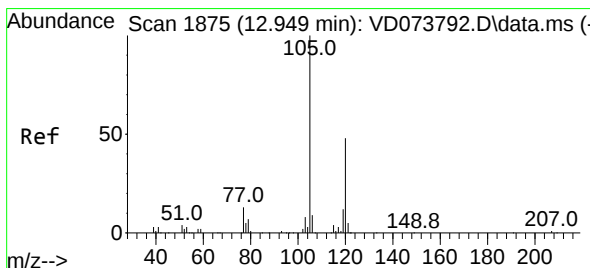
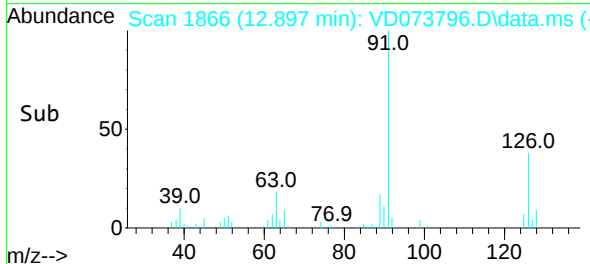
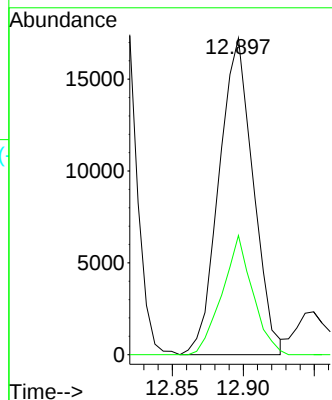
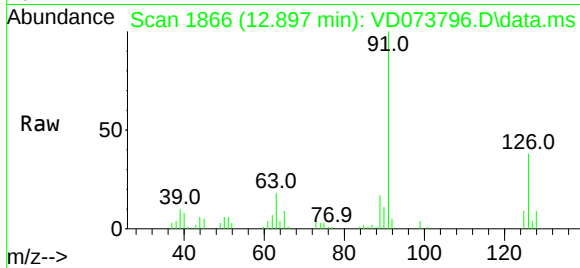
#79
2-Chlorotoluene
Concen: 5.831 ug/l
RT: 12.897 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD073796.D
Acq: 06 Jul 2022 17:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 2888
Ion Ratio Lower Upper
91 100
126 33.6 16.1 48.2

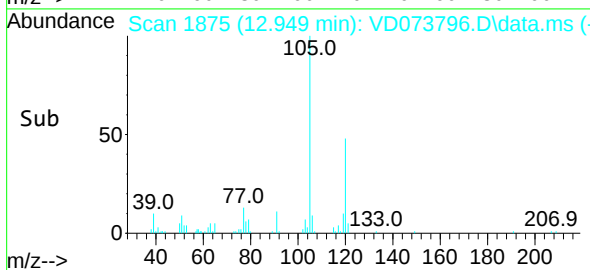
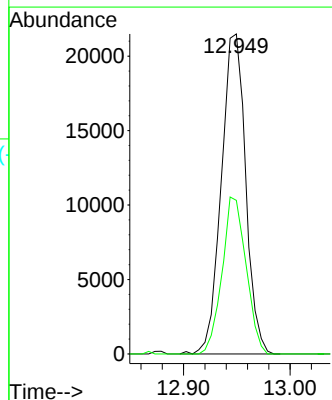
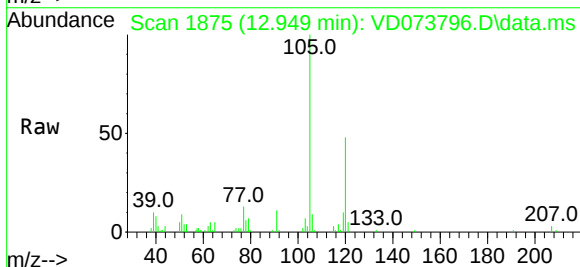
Manual Integrations
APPROVED

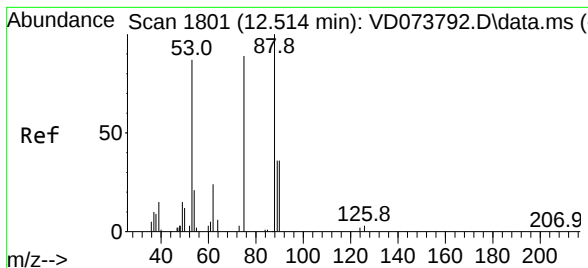
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#80
1,3,5-Trimethylbenzene
Concen: 5.788 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD073796.D
Acq: 06 Jul 2022 17:17

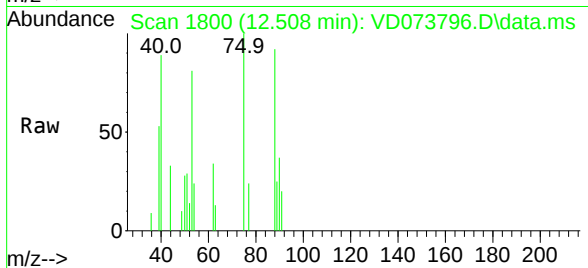
Tgt Ion:105 Resp: 34081
Ion Ratio Lower Upper
105 100
120 48.3 23.8 71.4





#81
trans-1,4-Dichloro-2-butene
Concen: 5.586 ug/l
RT: 12.508 min Scan# 1800
Delta R.T. -0.006 min
Lab File: VD073796.D
Acq: 06 Jul 2022 17:17

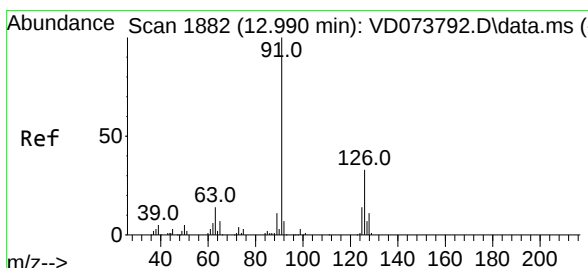
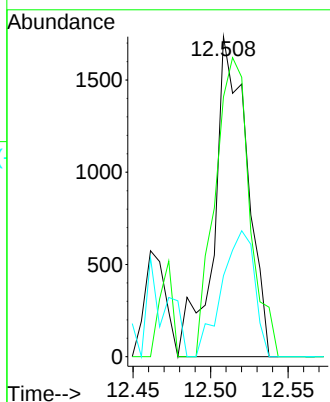
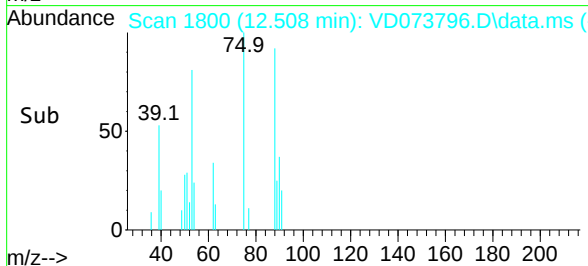
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 2568
Ion Ratio Lower Upper
75 100
53 98.1 77.6 116.4
89 39.0 37.2 55.8

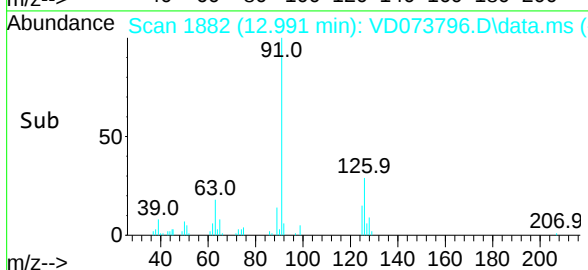
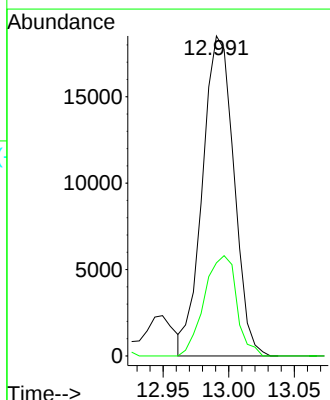
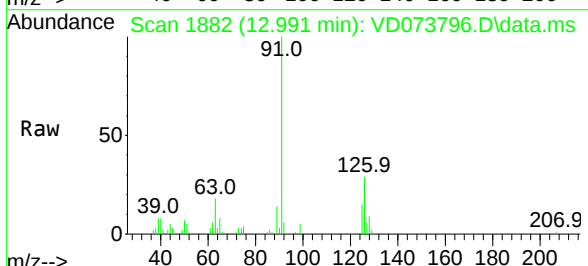
Manual Integrations
APPROVED

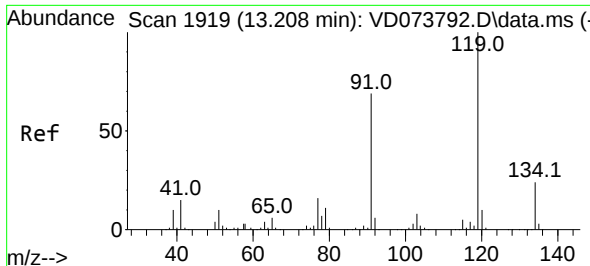
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#82
4-Chlorotoluene
Concen: 5.983 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VD073796.D
Acq: 06 Jul 2022 17:17

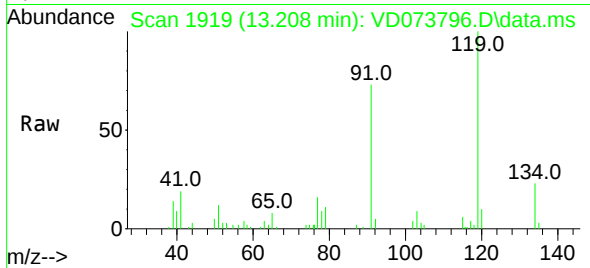
Tgt Ion: 91 Resp: 30860
Ion Ratio Lower Upper
91 100
126 32.1 16.1 48.2





#83
tert-Butylbenzene
Concen: 5.479 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD073796.D
Acq: 06 Jul 2022 17:17

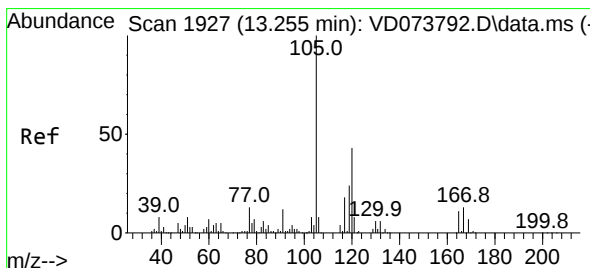
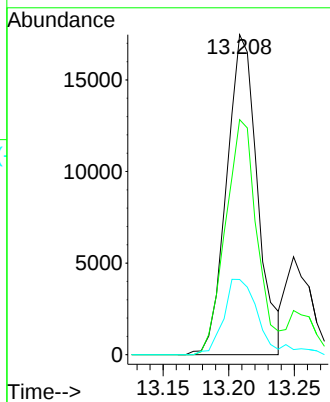
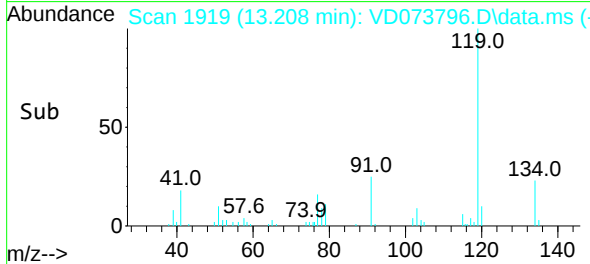
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



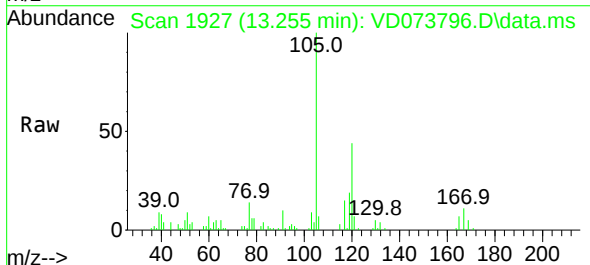
Tgt Ion:119 Resp: 28652
Ion Ratio Lower Upper
119 100
91 74.6 33.7 101.1
134 27.1 12.4 37.0

Manual Integrations
APPROVED

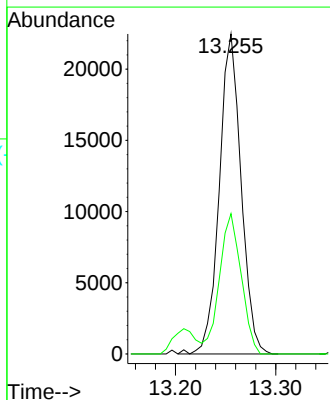
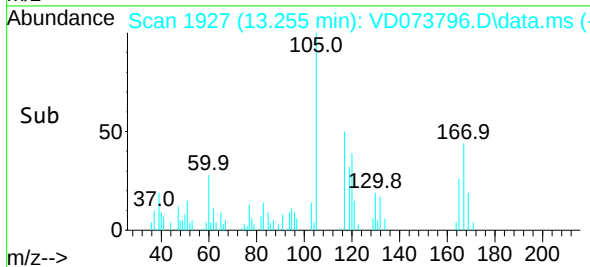
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

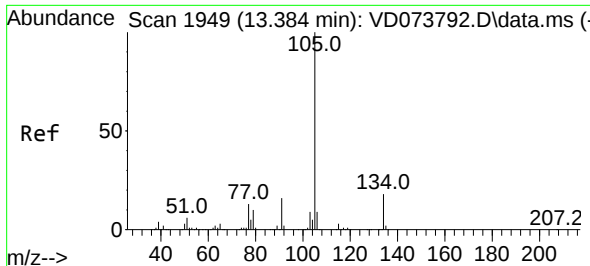


#84
1,2,4-Trimethylbenzene
Concen: 5.835 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD073796.D
Acq: 06 Jul 2022 17:17



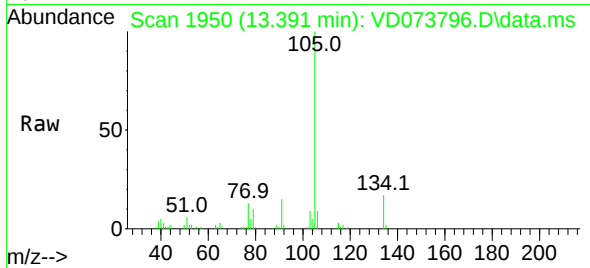
Tgt Ion:105 Resp: 33895
Ion Ratio Lower Upper
105 100
120 43.7 22.1 66.5





#85
 sec-Butylbenzene
 Concen: 5.865 ug/l
 RT: 13.391 min Scan# 1949
 Delta R.T. 0.006 min
 Lab File: VD073796.D
 Acq: 06 Jul 2022 17:17

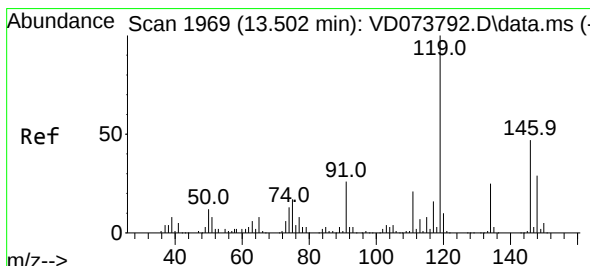
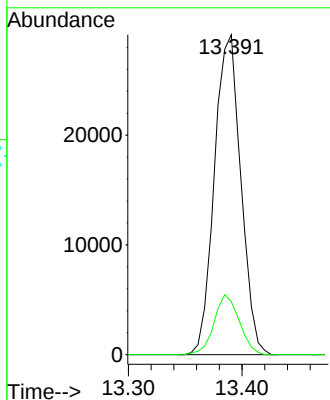
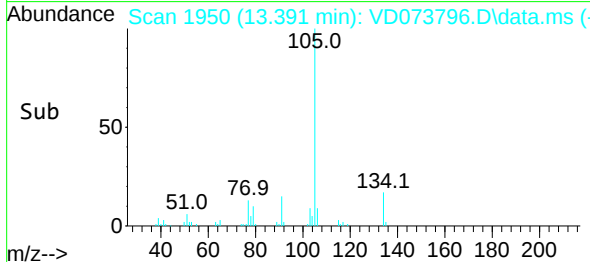
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005



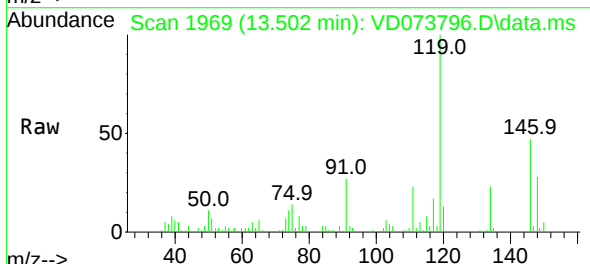
Tgt Ion:105 Resp: 47069
 Ion Ratio Lower Upper
 105 100
 134 17.9 9.4 28.2

Manual Integrations
 APPROVED

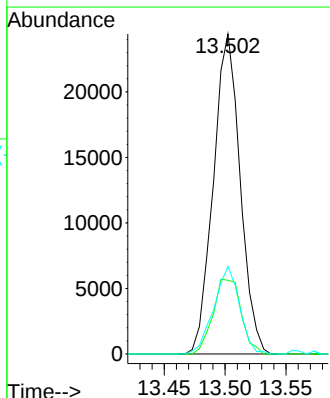
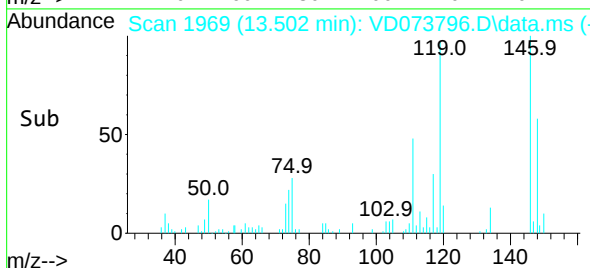
Reviewed By :John Carlone 07/07/2022
 Supervised By :Mahesh Dadoda 07/07/2022

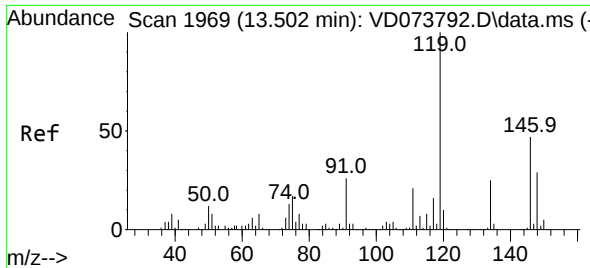


#86
 p-Isopropyltoluene
 Concen: 5.819 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073796.D
 Acq: 06 Jul 2022 17:17



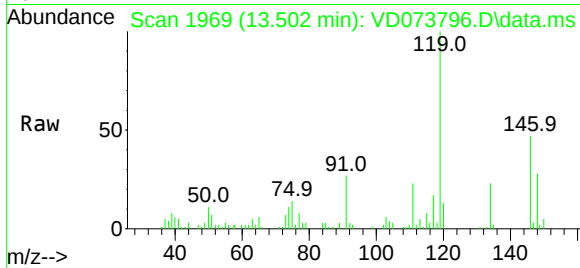
Tgt Ion:119 Resp: 37428
 Ion Ratio Lower Upper
 119 100
 134 24.6 12.7 38.1
 91 26.1 13.2 39.6





#87
1,3-Dichlorobenzene
Concen: 5.998 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD073796.D
Acq: 06 Jul 2022 17:17

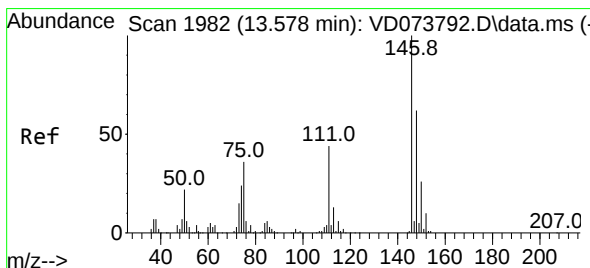
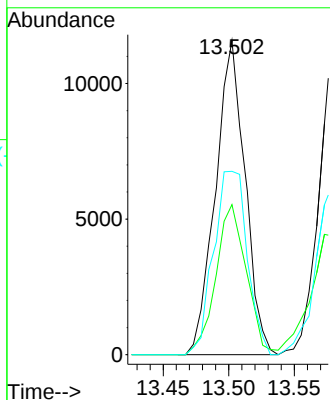
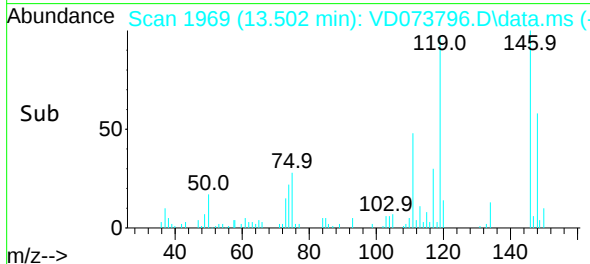
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



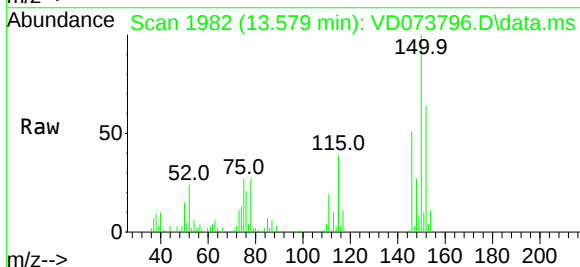
Tgt Ion:146 Resp: 18164
Ion Ratio Lower Upper
146 100
111 49.4 21.6 65.0
148 66.6 31.5 94.5

Manual Integrations
APPROVED

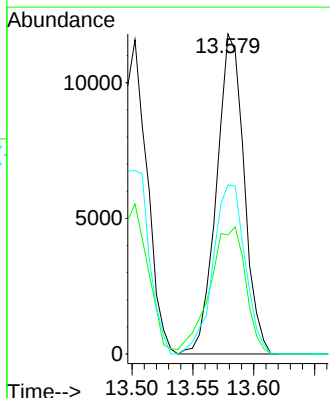
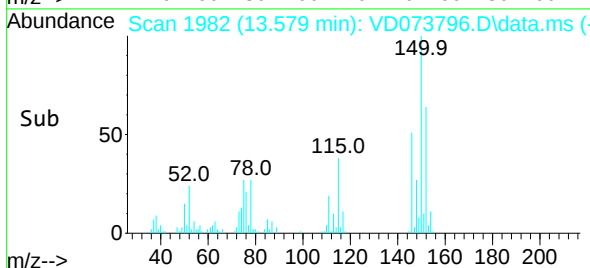
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

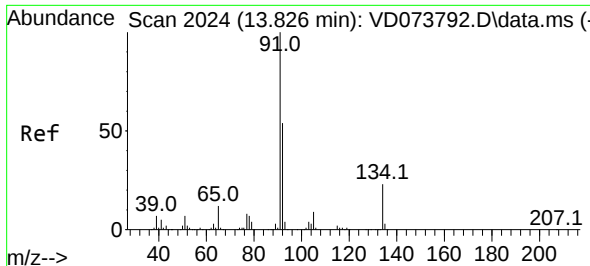


#88
1,4-Dichlorobenzene
Concen: 6.167 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VD073796.D
Acq: 06 Jul 2022 17:17



Tgt Ion:146 Resp: 18614
Ion Ratio Lower Upper
146 100
111 51.5 21.6 64.6
148 61.3 31.4 94.0





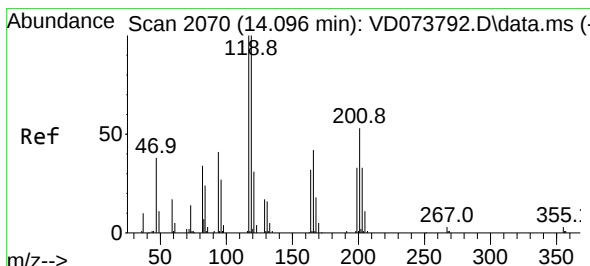
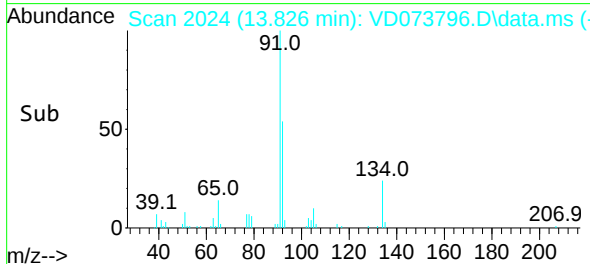
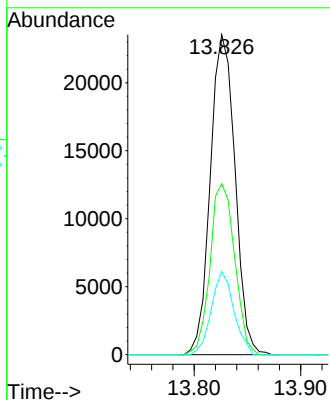
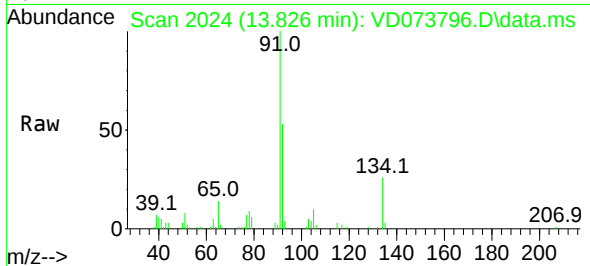
#89
n-Butylbenzene
Concen: 5.833 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. 0.000 min
Lab File: VD073796.D
Acq: 06 Jul 2022 17:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 3785
Ion Ratio Lower Upper
91 100
92 53.2 26.9 80.6
134 23.7 11.9 35.9

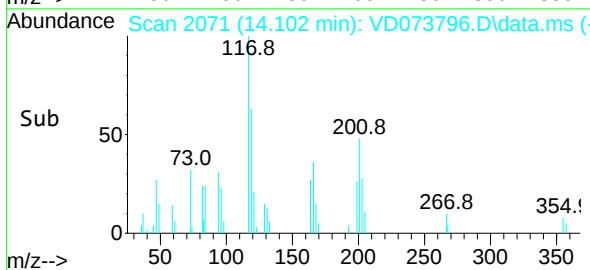
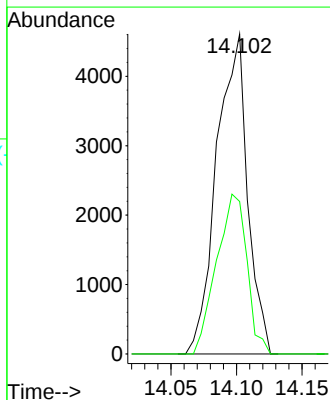
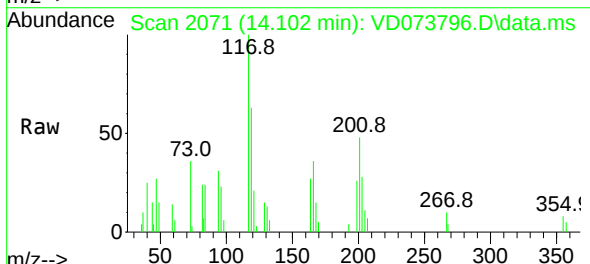
Manual Integrations
APPROVED

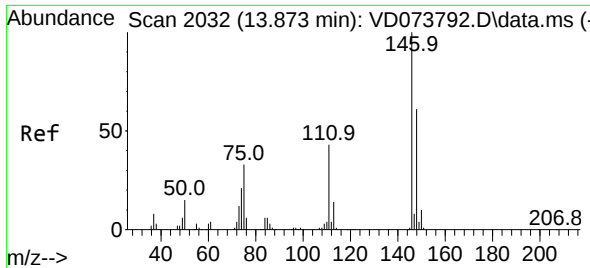
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#90
Hexachloroethane
Concen: 5.855 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. 0.006 min
Lab File: VD073796.D
Acq: 06 Jul 2022 17:17

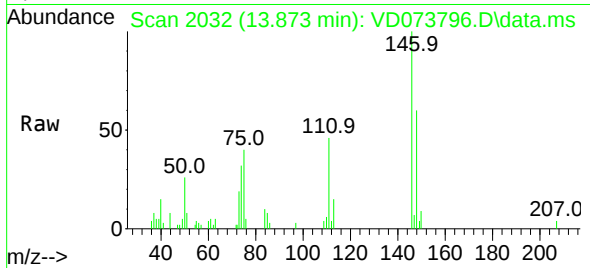
Tgt Ion:117 Resp: 7529
Ion Ratio Lower Upper
117 100
201 49.3 26.6 79.8





#91
1,2-Dichlorobenzene
Concen: 5.688 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD073796.D
Acq: 06 Jul 2022 17:17

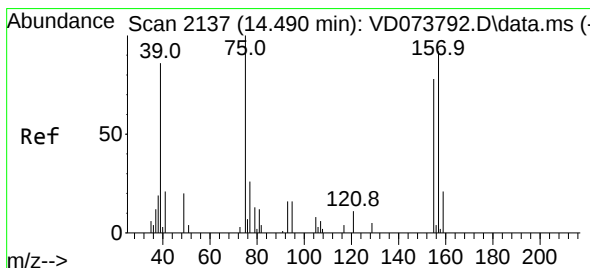
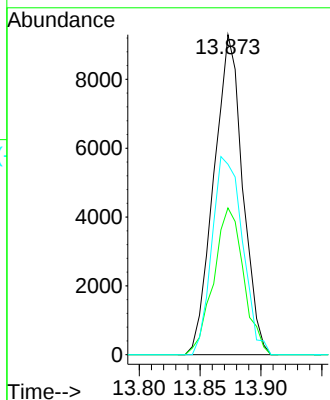
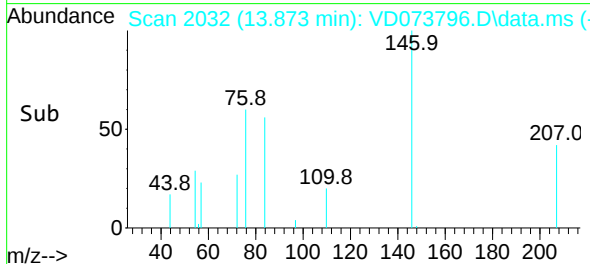
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005



Tgt Ion:146 Resp: 15320
Ion Ratio Lower Upper
146 100
111 47.7 22.3 66.9
148 65.5 31.4 94.2

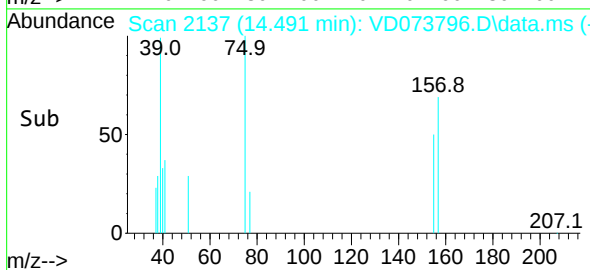
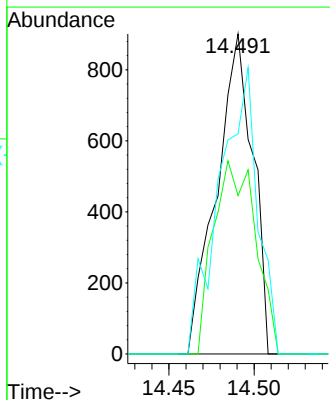
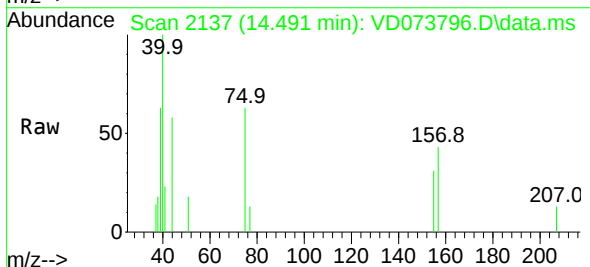
Manual Integrations
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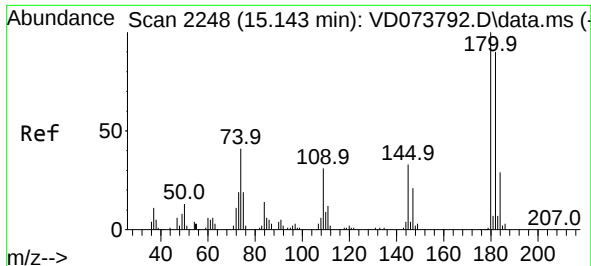
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.587 ug/l
RT: 14.491 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VD073796.D
Acq: 06 Jul 2022 17:17

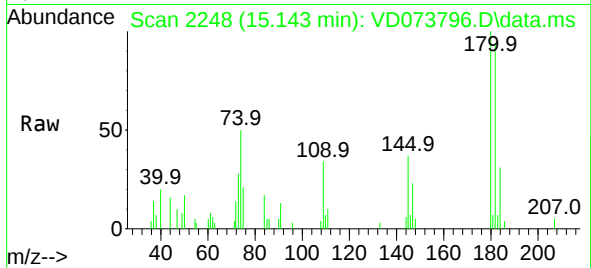
Tgt Ion: 75 Resp: 1332
Ion Ratio Lower Upper
75 100
155 70.4 36.4 109.3
157 94.9 43.5 130.4





#93
1,2,4-Trichlorobenzene
Concen: 5.890 ug/l
RT: 15.143 min Scan# 2248
Delta R.T. 0.000 min
Lab File: VD073796.D
Acq: 06 Jul 2022 17:17

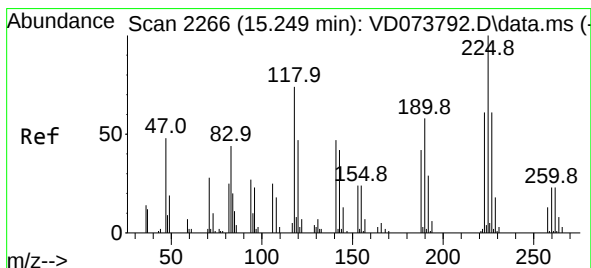
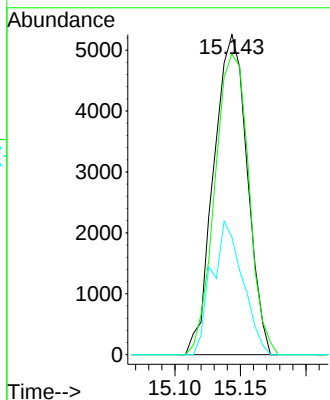
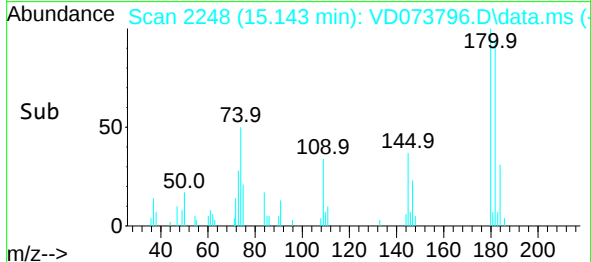
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



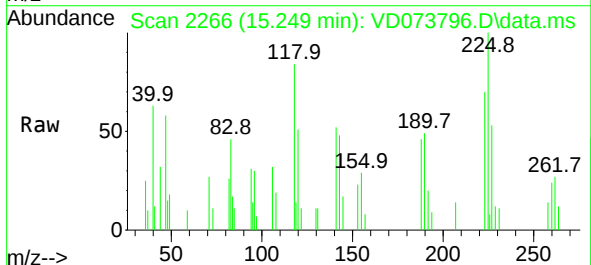
Tgt Ion:180 Resp: 9330
Ion Ratio Lower Upper
180 100
182 95.1 46.9 140.6
145 38.3 17.5 52.5

Manual Integrations
APPROVED

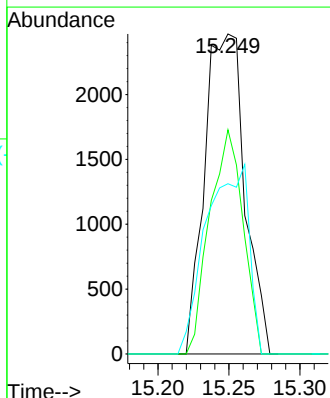
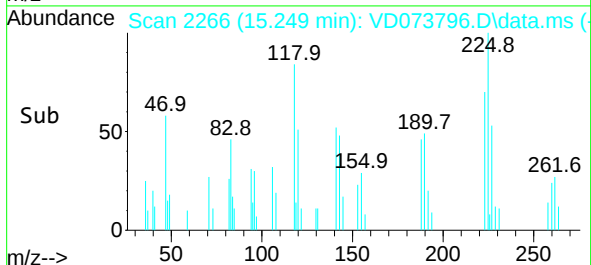
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

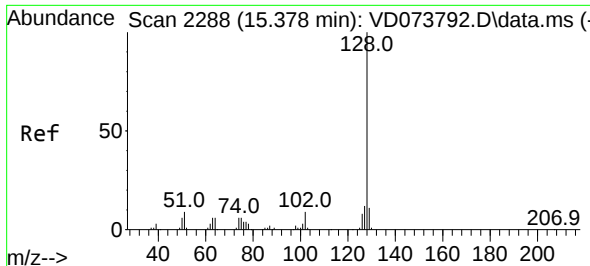


#94
Hexachlorobutadiene
Concen: 6.211 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. 0.000 min
Lab File: VD073796.D
Acq: 06 Jul 2022 17:17



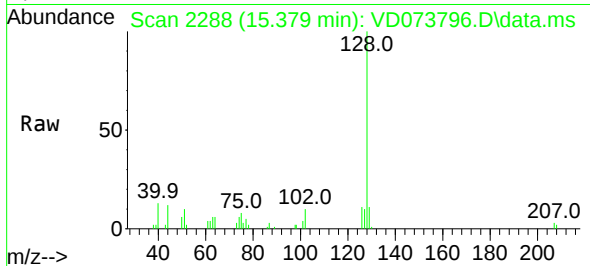
Tgt Ion:225 Resp: 4861
Ion Ratio Lower Upper
225 100
223 58.1 31.5 94.5
227 62.4 31.6 94.7





#95
Naphthalene
Concen: 5.605 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. 0.000 min
Lab File: VD073796.D
Acq: 06 Jul 2022 17:17

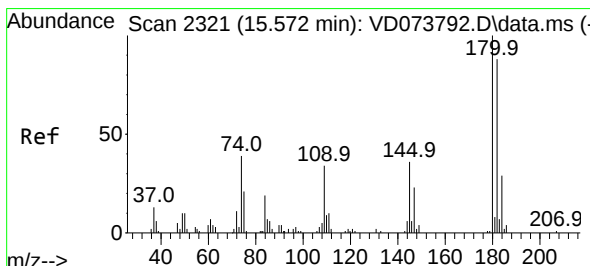
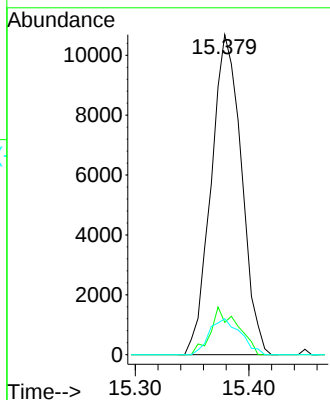
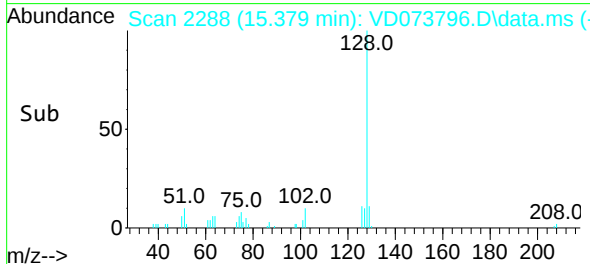
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



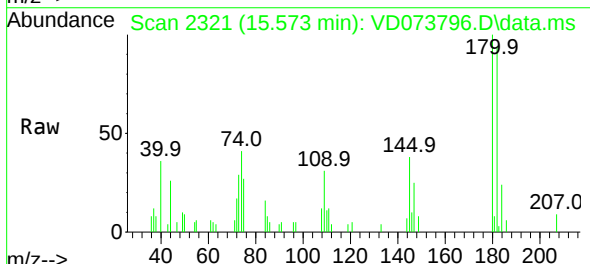
Tgt Ion:128 Resp: 1984
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 11.6 8.8 13.2

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 5.856 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. 0.000 min
Lab File: VD073796.D
Acq: 06 Jul 2022 17:17



Tgt Ion:180 Resp: 8120
Ion Ratio Lower Upper
180 100
182 97.1 46.0 138.0
145 38.0 18.1 54.4

