

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070622\
 Data File : VD073794.D
 Acq On : 06 Jul 2022 16:17
 Operator : VA/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: Jul 07 04:58:19 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	120759	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	230370	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	219956	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	100658	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	175861	144.510	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 289.020%#			
35) Dibromofluoromethane	7.908	113	176421	139.225	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 278.460%#			
50) Toluene-d8	10.332	98	584715	126.951	ug/l	0.00
Spiked Amount 50.000	Range 78 - 12		Recovery = 253.900%#			
62) 4-Bromofluorobenzene	12.620	95	254771	139.257	ug/l	0.00
Spiked Amount 50.000	Range 50 - 14		Recovery = 278.520%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.985	85	89622	119.967	ug/l	98
3) Chloromethane	2.209	50	120457	138.472	ug/l	95
4) Vinyl Chloride	2.344	62	154778	156.827	ug/l	96
5) Bromomethane	2.726	94	108040	153.497	ug/l	93
6) Chloroethane	2.897	64	120082	164.977	ug/l	97
7) Trichlorofluoromethane	3.250	101	250335	142.293	ug/l	90
8) Diethyl Ether	3.697	74	84137	143.205	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.079	101	160415	139.128	ug/l	97
10) Methyl Iodide	4.291	142	119819	147.729	ug/l	99
11) Tert butyl alcohol	5.220	59	118283	390.811	ug/l #	86
12) 1,1-Dichloroethene	4.050	96	122755	124.449	ug/l	98
13) Acrolein	3.914	56	85789	1915.331	ug/l	97
14) Allyl chloride	4.703	41	248764	144.624	ug/l	99
15) Acrylonitrile	5.408	53	258093	796.703	ug/l	100
16) Acetone	4.150	43	186673	740.601	ug/l	96
17) Carbon Disulfide	4.397	76	183510	118.283	ug/l	99
18) Methyl Acetate	4.714	43	112220	115.003	ug/l	100
19) Methyl tert-butyl Ether	5.473	73	504407	154.415	ug/l	95
20) Methylene Chloride	4.950	84	181735	112.714	ug/l	94
21) trans-1,2-Dichloroethene	5.461	96	147668	132.026	ug/l	97
22) Diisopropyl ether	6.355	45	670806	153.569	ug/l	98
23) Vinyl Acetate	6.297	43	1970185	882.320	ug/l	97
24) 1,1-Dichloroethane	6.255	63	358093	146.716	ug/l	98
25) 2-Butanone	7.208	43	323595	770.392	ug/l	95
26) 2,2-Dichloropropane	7.202	77	325410	145.954	ug/l	99
27) cis-1,2-Dichloroethene	7.202	96	217685	142.827	ug/l	98
28) Bromochloromethane	7.538	49	146392	156.803	ug/l	99
29) Tetrahydrofuran	7.555	42	203461	776.086	ug/l	99
30) Chloroform	7.702	83	403138	154.590	ug/l	96
31) Cyclohexane	7.979	56	214053	113.964	ug/l	96
32) 1,1,1-Trichloroethane	7.896	97	339283	149.398	ug/l	100
36) 1,1-Dichloropropene	8.102	75	239492	137.340	ug/l	99
37) Ethyl Acetate	7.285	43	148551	157.963	ug/l	98
38) Carbon Tetrachloride	8.091	117	275753	145.518	ug/l	96
39) Methylcyclohexane	9.349	83	243095	124.260	ug/l	98
40) Benzene	8.344	78	723493	139.562	ug/l	96

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	93704	158.633	ug/l #	87
42) 1,2-Dichloroethane	8.414	62	247059	154.123	ug/l	99
43) Isopropyl Acetate	8.444	43	311252	155.301	ug/l	99
44) Trichloroethene	9.102	130	186813	136.915	ug/l	95
45) 1,2-Dichloropropane	9.379	63	209433	140.829	ug/l	94
46) Dibromomethane	9.467	93	116936	148.608	ug/l	96
47) Bromodichloromethane	9.655	83	327800	153.798	ug/l	96
48) Methyl methacrylate	9.443	41	141676	158.092	ug/l	98
49) 1,4-Dioxane	9.455	88	32423	3059.005	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	833422	811.432	ug/l	100
52) Toluene	10.396	92	499198	144.333	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	311678	149.800	ug/l	97
54) cis-1,3-Dichloropropene	10.079	75	334551	142.941	ug/l	99
55) 1,1,2-Trichloroethane	10.790	97	177121	151.400	ug/l	95
56) Ethyl methacrylate	10.649	69	240620	155.738	ug/l	96
57) 1,3-Dichloropropane	10.938	76	300249	152.159	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	451945	731.277	ug/l	99
59) 2-Hexanone	10.973	43	562489	806.594	ug/l	99
60) Dibromochloromethane	11.132	129	222867	156.130	ug/l	98
61) 1,2-Dibromoethane	11.237	107	164395	152.898	ug/l	95
64) Tetrachloroethene	10.867	164	134945	120.243	ug/l	93
65) Chlorobenzene	11.661	112	567156	138.829	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	227573	147.223	ug/l	99
67) Ethyl Benzene	11.737	91	1048909	140.367	ug/l	97
68) m/p-Xylenes	11.843	106	791495	277.957	ug/l	99
69) o-Xylene	12.173	106	391702	140.860	ug/l	96
70) Styrene	12.185	104	700625	146.270	ug/l	99
71) Bromoform	12.349	173	125688	154.160	ug/l #	100
73) Isopropylbenzene	12.467	105	1080687	141.183	ug/l	99
74) N-amyl acetate	12.279	43	320601	152.557	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	225408	145.951	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	162059m	169.400	ug/l	
77) Bromobenzene	12.749	156	227875	145.454	ug/l	95
78) n-propylbenzene	12.808	91	1329179	138.969	ug/l	100
79) 2-Chlorotoluene	12.896	91	758297	141.287	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	897839	140.720	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	71775	144.090	ug/l	99
82) 4-Chlorotoluene	12.990	91	801111	143.341	ug/l	98
83) tert-Butylbenzene	13.208	119	809613	142.893	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	895444	142.255	ug/l	100
85) sec-Butylbenzene	13.390	105	1202117	138.232	ug/l	99
86) p-Isopropyltoluene	13.502	119	966127	138.623	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	470762	143.462	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	467482	142.930	ug/l	98
89) n-Butylbenzene	13.826	91	954012	135.667	ug/l	100
90) Hexachloroethane	14.096	117	191961	137.764	ug/l	97
91) 1,2-Dichlorobenzene	13.873	146	418034	143.251	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.484	75	38021	147.179	ug/l	95
93) 1,2,4-Trichlorobenzene	15.143	180	228467	133.036	ug/l	99
94) Hexachlorobutadiene	15.249	225	104736	123.516	ug/l	99
95) Naphthalene	15.378	128	548253	142.934	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	204160	135.879	ug/l	98

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MSVOA_D
ClientSampleId :
VSTDICC150

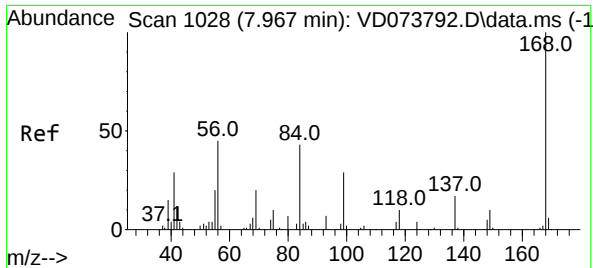
Manual Integrations
APPROVED

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Supervised By : Mahesh Dadoda 07/07/2022

Quant Time: Jul 07 04:58:19 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

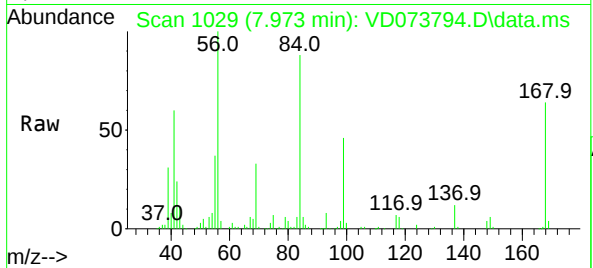
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD073794.D
Acq: 06 Jul 2022 16:17

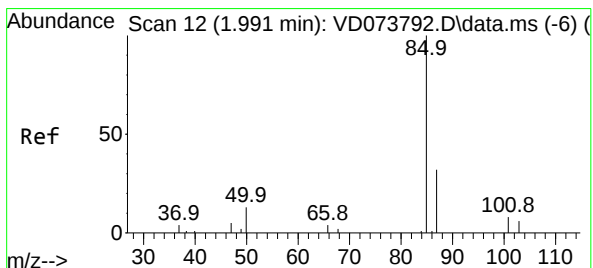
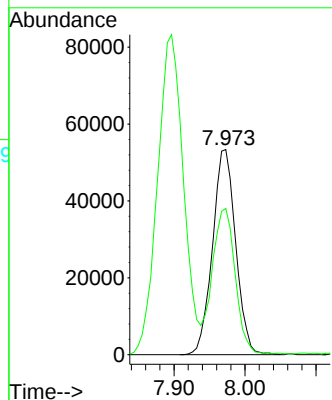
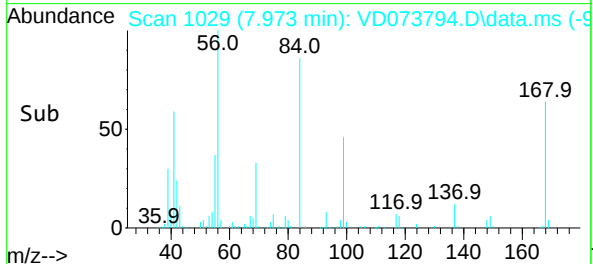
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



Tgt Ion:168 Resp: 120759
Ion Ratio Lower Upper
168 100
99 70.6 58.4 87.6

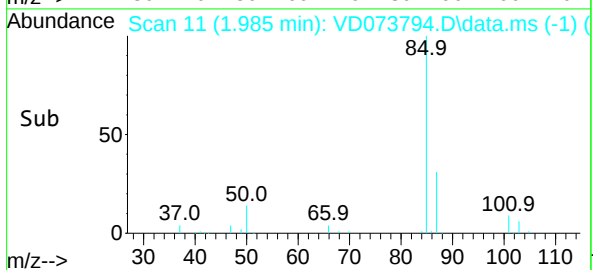
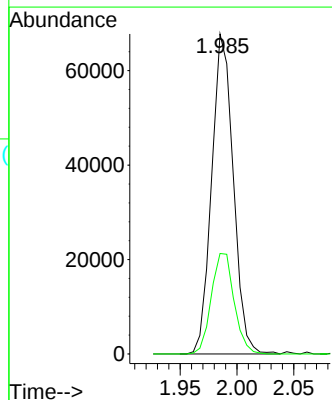
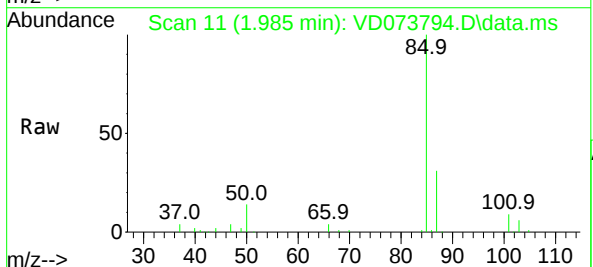
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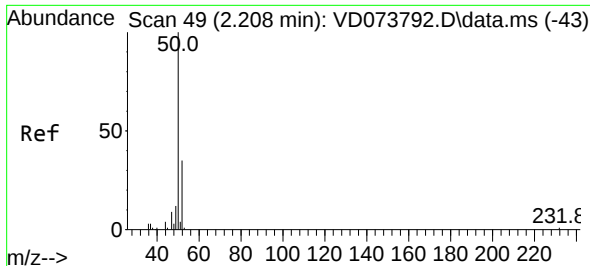
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#2
Dichlorodifluoromethane
Concen: 119.967 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073794.D
Acq: 06 Jul 2022 16:17

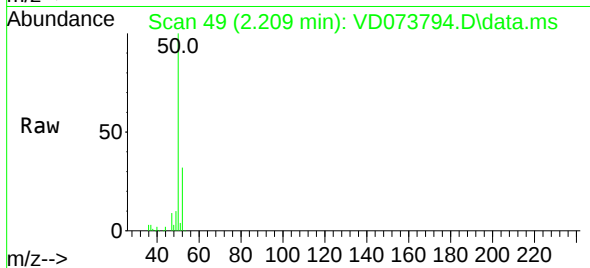
Tgt Ion: 85 Resp: 89622
Ion Ratio Lower Upper
85 100
87 31.4 16.2 48.5





#3
Chloromethane
Concen: 138.472 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD073794.D
Acq: 06 Jul 2022 16:17

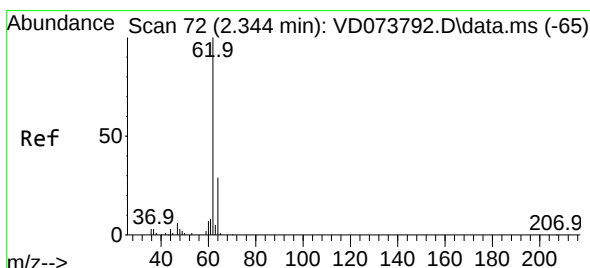
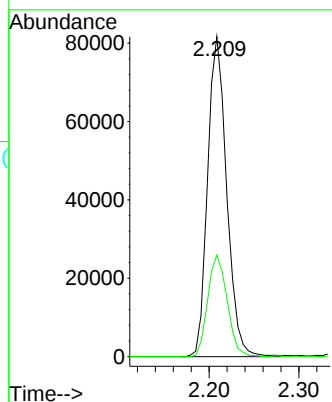
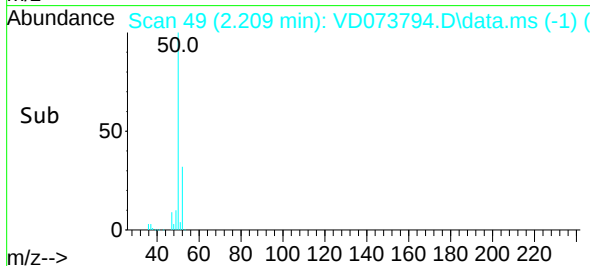
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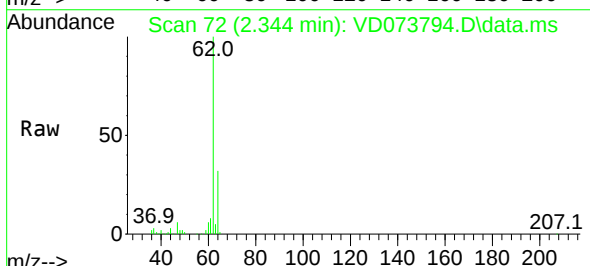
Tgt Ion: 50 Resp: 12045
Ion Ratio Lower Upper
50 100
52 31.8 27.8 41.6

Manual Integrations
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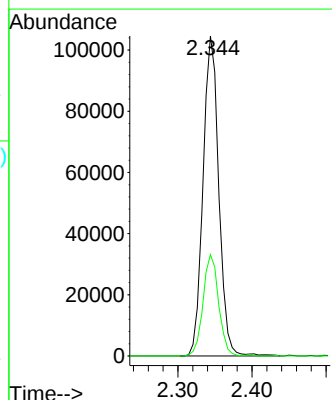
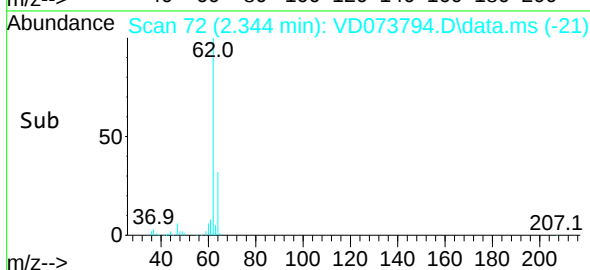
Reviewed By :John Carlone 07/07/2022
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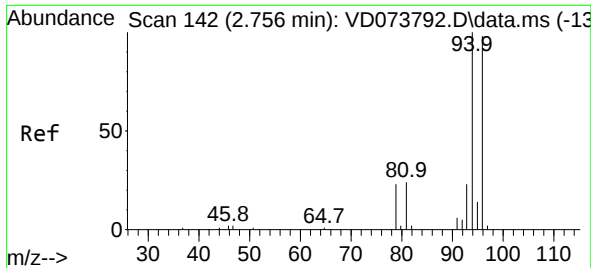


#4
Vinyl Chloride
Concen: 156.827 ug/l
RT: 2.344 min Scan# 72
Delta R.T. 0.000 min
Lab File: VD073794.D
Acq: 06 Jul 2022 16:17



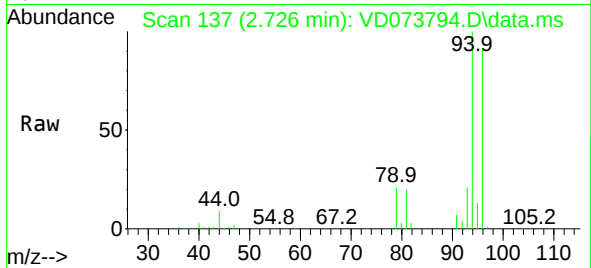
Tgt Ion: 62 Resp: 154778
Ion Ratio Lower Upper
62 100
64 31.7 23.4 35.2





#5
Bromomethane
Concen: 153.497 ug/l
RT: 2.726 min Scan# 11
Delta R.T. -0.029 min
Lab File: VD073794.D
Acq: 06 Jul 2022 16:17

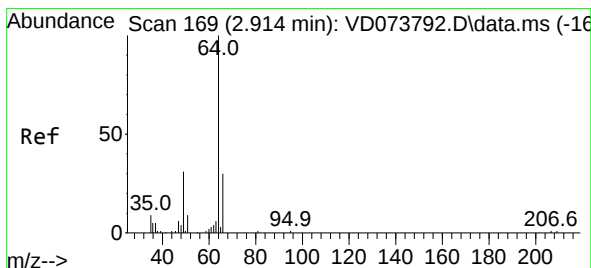
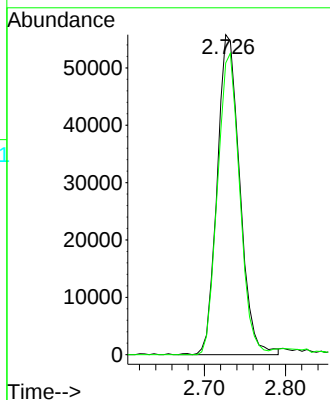
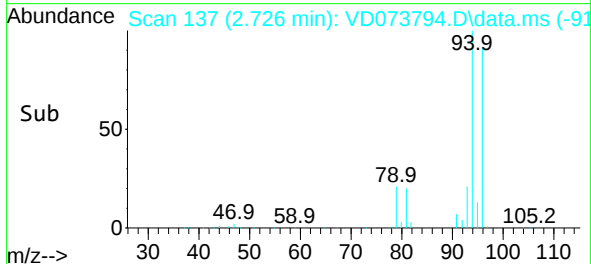
Instrument :
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Tgt Ion: 94 Resp: 108040
Ion Ratio Lower Upper
94 100
96 91.1 78.3 117.5

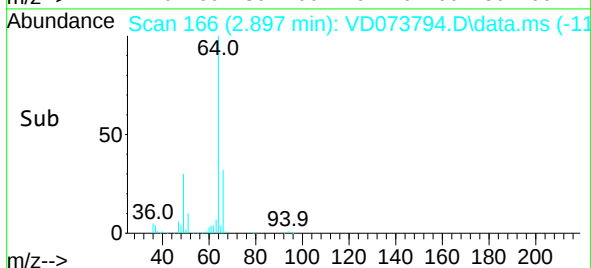
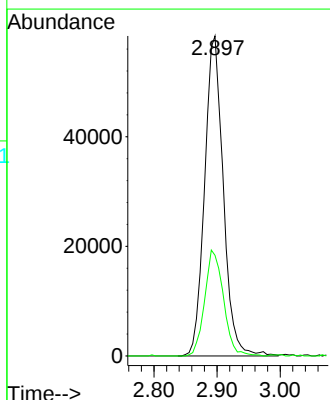
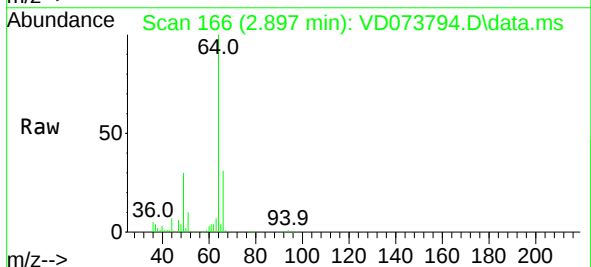
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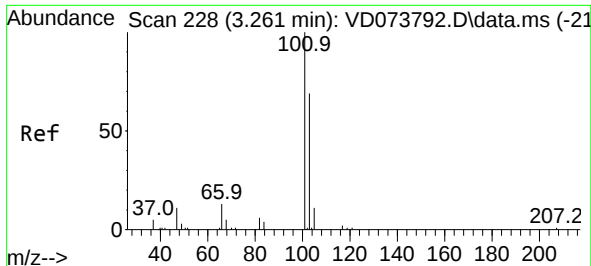
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#6
Chloroethane
Concen: 164.977 ug/l
RT: 2.897 min Scan# 166
Delta R.T. -0.018 min
Lab File: VD073794.D
Acq: 06 Jul 2022 16:17

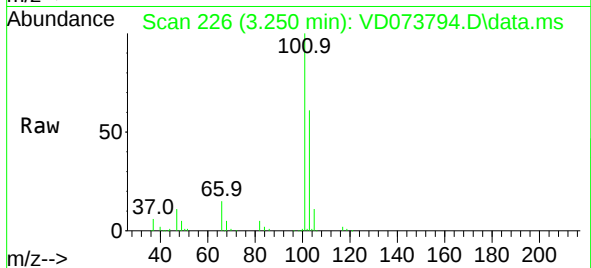
Tgt Ion: 64 Resp: 120082
Ion Ratio Lower Upper
64 100
66 31.4 23.7 35.5





#7
Trichlorofluoromethane
Concen: 142.293 ug/l
RT: 3.250 min Scan# 21
Delta R.T. -0.012 min
Lab File: VD073794.D
Acq: 06 Jul 2022 16:17

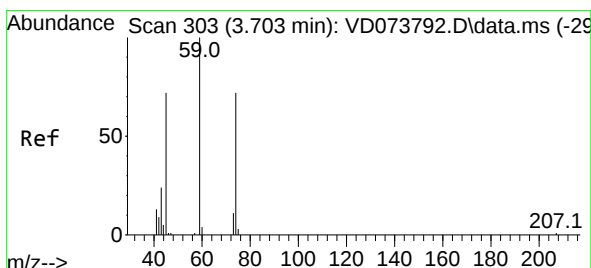
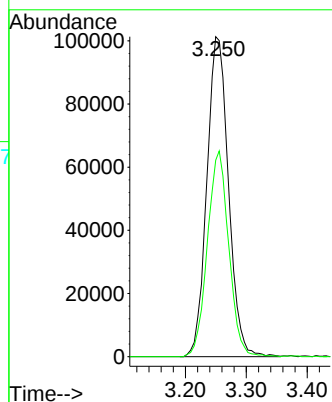
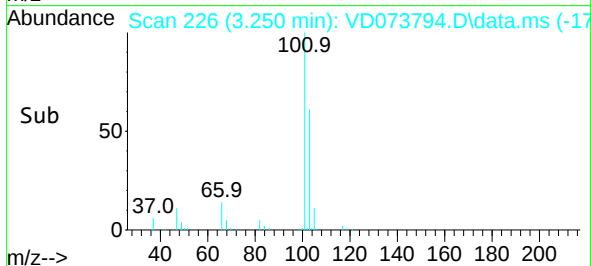
Instrument :
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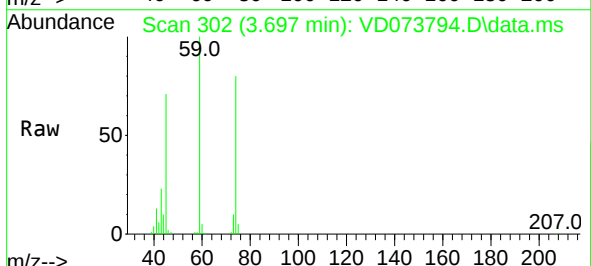
Tgt Ion:101 Resp: 25033
Ion Ratio Lower Upper
101 100
103 61.4 55.4 83.2

Manual Integrations
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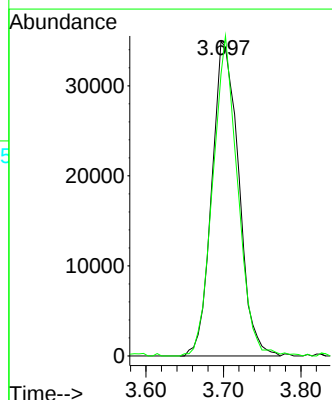
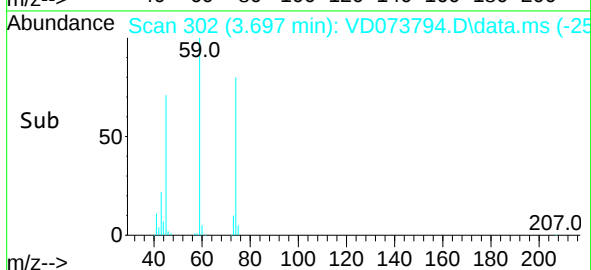
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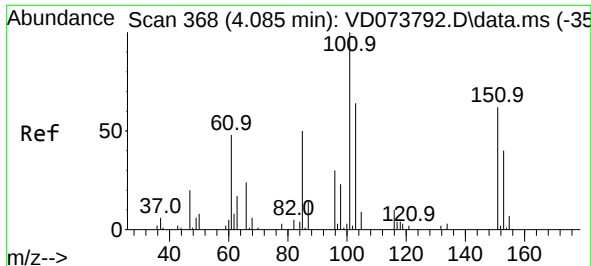


#8
Diethyl Ether
Concen: 143.205 ug/l
RT: 3.697 min Scan# 302
Delta R.T. -0.006 min
Lab File: VD073794.D
Acq: 06 Jul 2022 16:17



Tgt Ion: 74 Resp: 84137
Ion Ratio Lower Upper
74 100
45 94.6 51.1 153.3





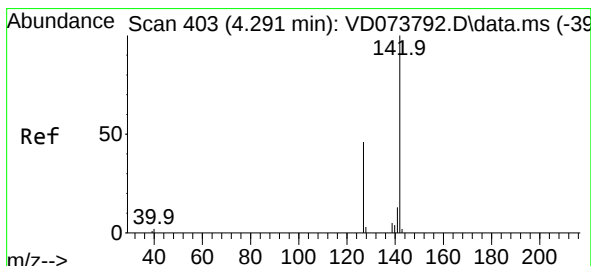
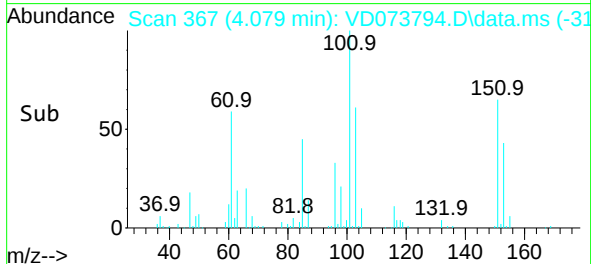
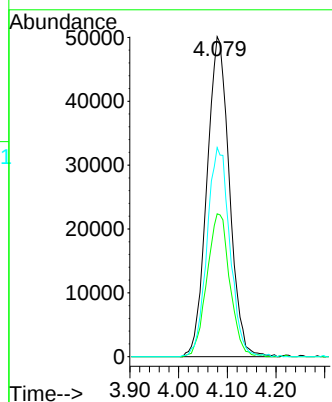
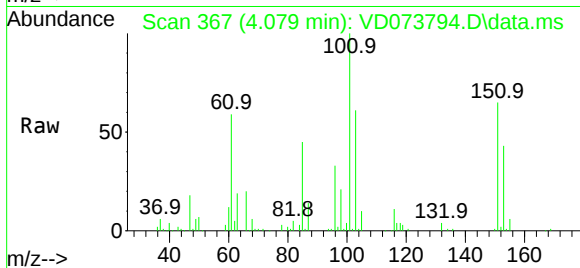
#9
1,1,2-Trichlorotrifluoroethane
Concen: 139.128 ug/l
RT: 4.079 min Scan# 368
Delta R.T. -0.006 min
Lab File: VD073794.D
Acq: 06 Jul 2022 16:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion:101 Resp: 16041
Ion Ratio Lower Upper
101 100
85 45.3 38.8 58.2
151 66.3 54.4 81.6

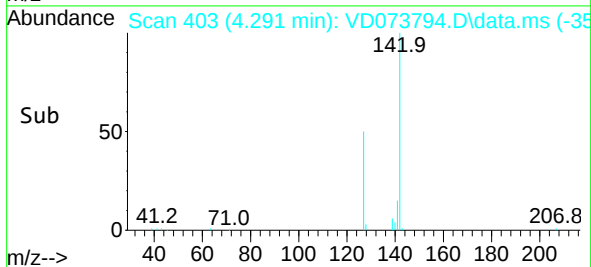
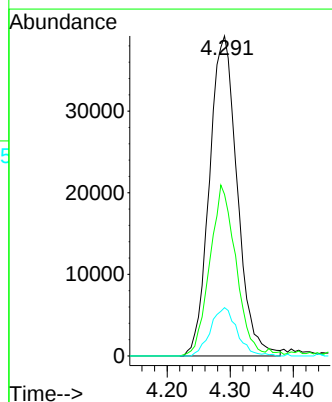
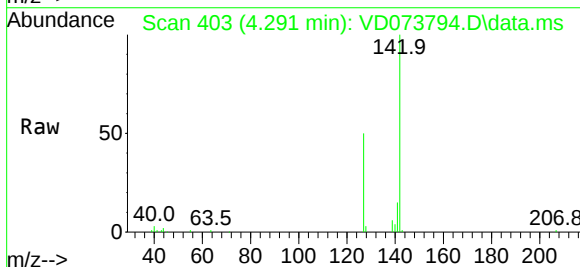
Manual Integrations
APPROVED

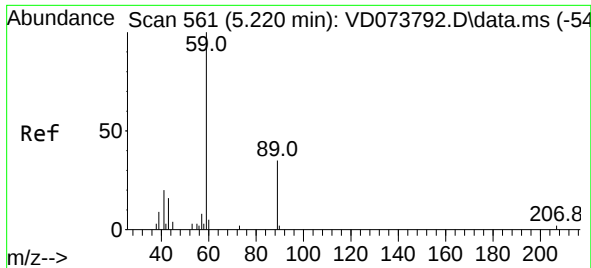
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#10
Methyl Iodide
Concen: 147.729 ug/l
RT: 4.291 min Scan# 403
Delta R.T. 0.000 min
Lab File: VD073794.D
Acq: 06 Jul 2022 16:17

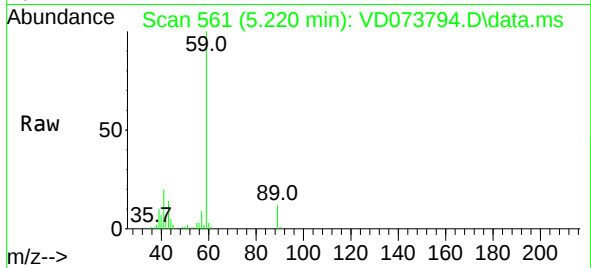
Tgt Ion:142 Resp: 119819
Ion Ratio Lower Upper
142 100
127 50.2 39.7 59.5
141 14.4 11.1 16.7





#11
Tert butyl alcohol
Concen: 390.811 ug/l
RT: 5.220 min Scan# 561
Delta R.T. 0.000 min
Lab File: VD073794.D
Acq: 06 Jul 2022 16:17

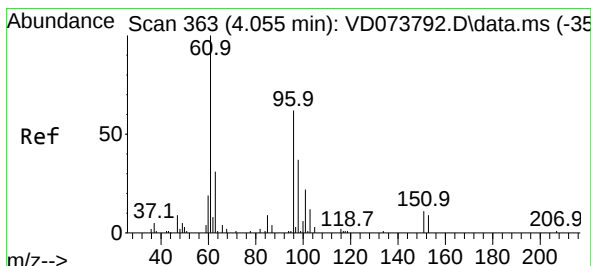
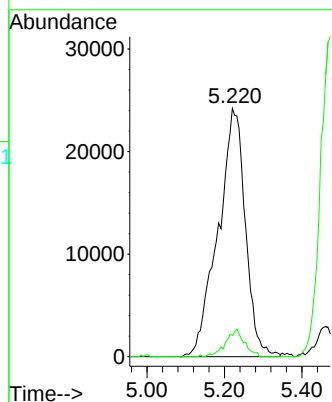
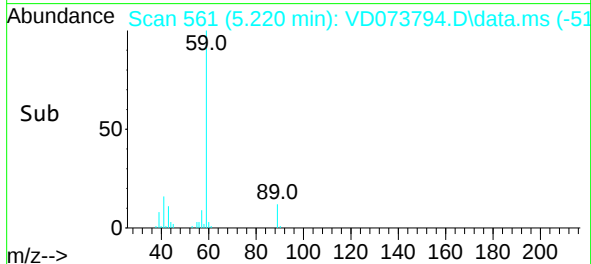
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150



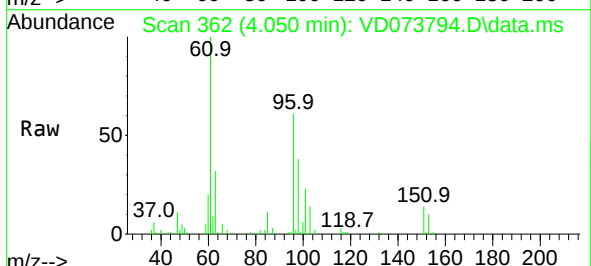
Tgt Ion: 59 Resp: 118283
Ion Ratio Lower Upper
59 100
57 7.6 2.4 3.6

Manual Integrations
APPROVED

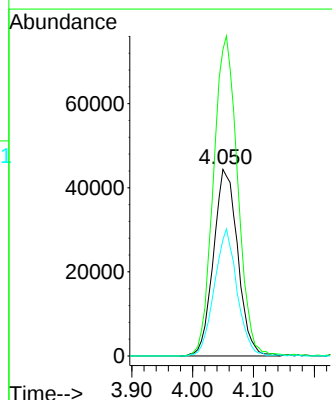
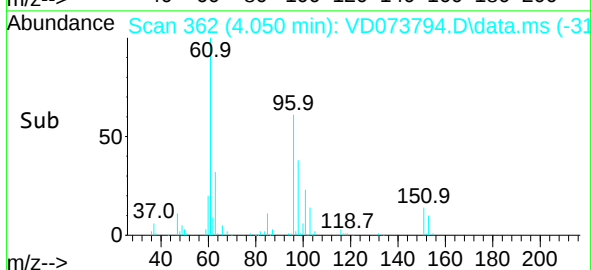
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

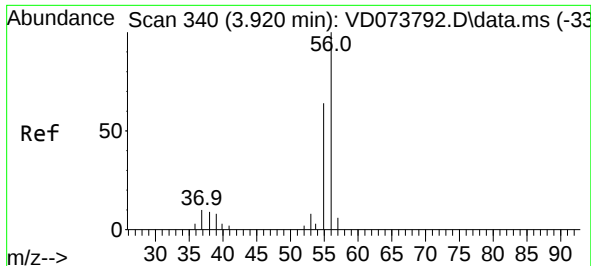


#12
1,1-Dichloroethene
Concen: 124.449 ug/l
RT: 4.050 min Scan# 362
Delta R.T. -0.006 min
Lab File: VD073794.D
Acq: 06 Jul 2022 16:17



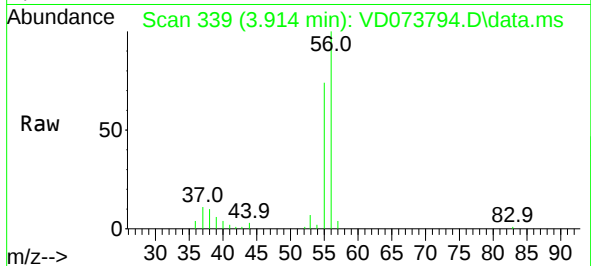
Tgt Ion: 96 Resp: 122755
Ion Ratio Lower Upper
96 100
61 164.2 129.3 193.9
98 62.3 47.4 71.2





#13
Acrolein
Concen: 1915.331 ug/l
RT: 3.914 min Scan# 311
Delta R.T. -0.006 min
Lab File: VD073794.D
Acq: 06 Jul 2022 16:17

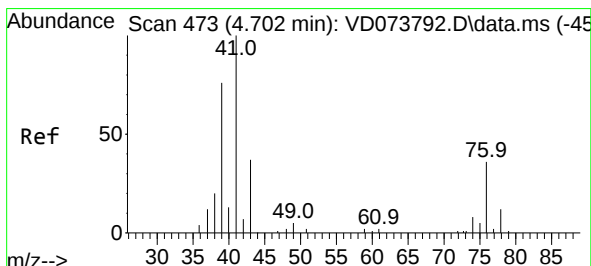
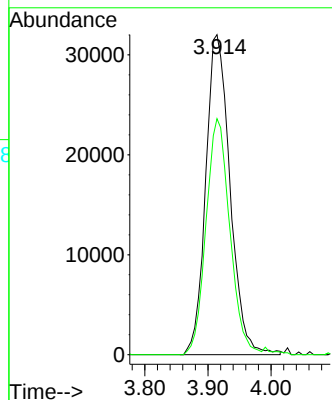
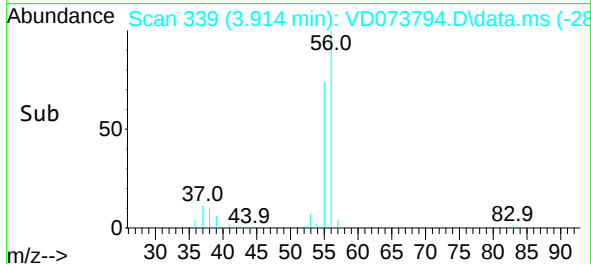
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150



Tgt Ion: 56 Resp: 85789
Ion Ratio Lower Upper
56 100
55 72.1 55.4 83.2

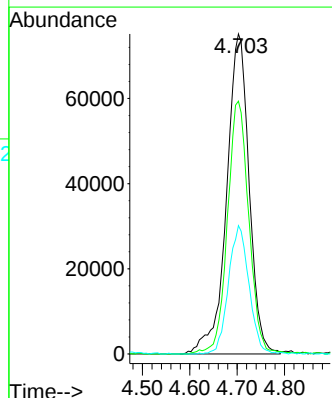
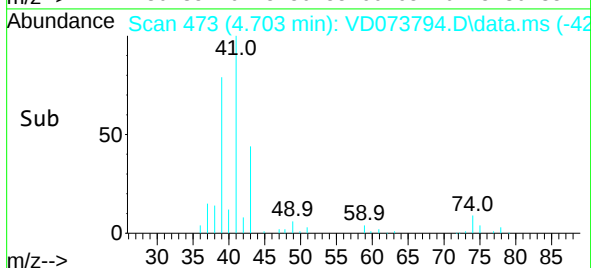
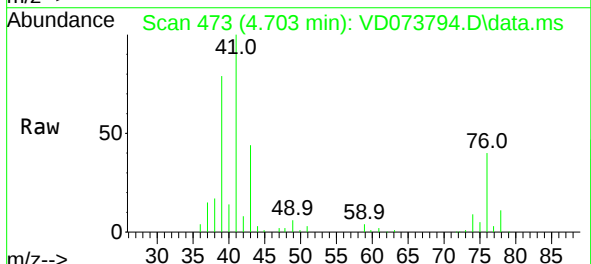
Manual Integrations
APPROVED

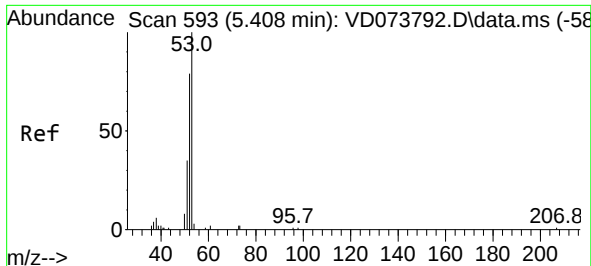
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#14
Allyl chloride
Concen: 144.624 ug/l
RT: 4.703 min Scan# 473
Delta R.T. 0.000 min
Lab File: VD073794.D
Acq: 06 Jul 2022 16:17

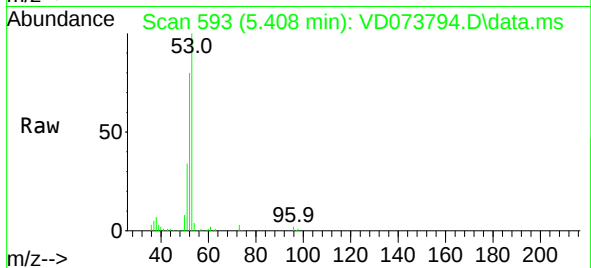
Tgt Ion: 41 Resp: 248764
Ion Ratio Lower Upper
41 100
39 74.9 59.8 89.8
76 36.5 28.4 42.6





#15
Acrylonitrile
Concen: 796.703 ug/l
RT: 5.408 min Scan# 593
Delta R.T. 0.000 min
Lab File: VD073794.D
Acq: 06 Jul 2022 16:17

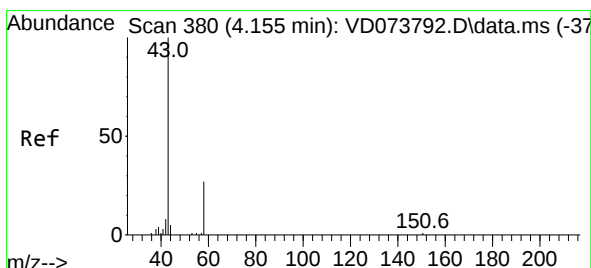
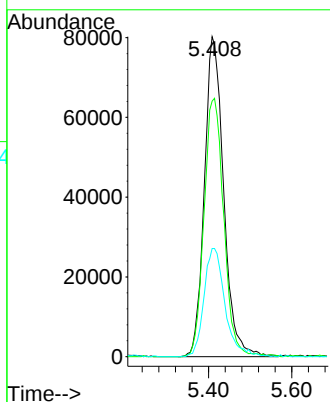
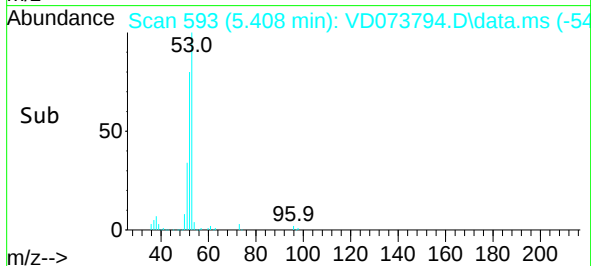
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150



Tgt Ion: 53 Resp: 258093
Ion Ratio Lower Upper
53 100
52 82.7 65.9 98.9
51 36.9 29.7 44.5

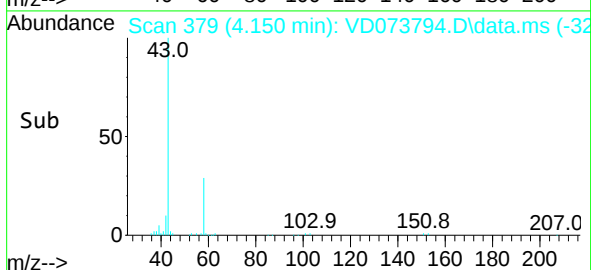
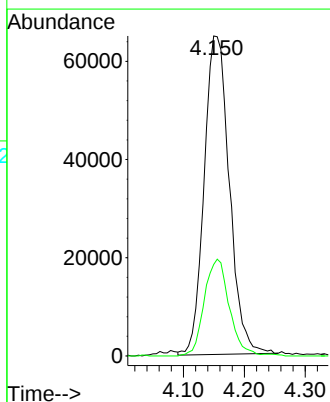
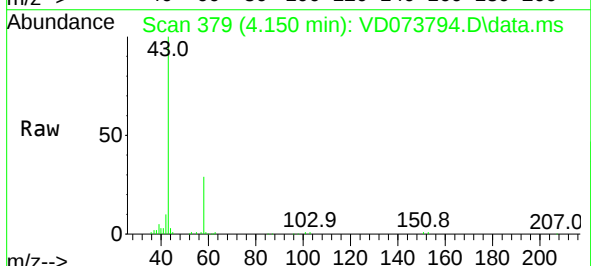
Manual Integrations
APPROVED

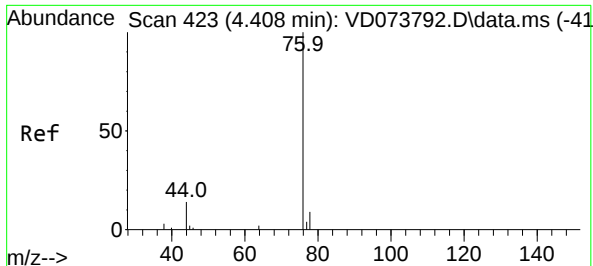
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#16
Acetone
Concen: 740.601 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD073794.D
Acq: 06 Jul 2022 16:17

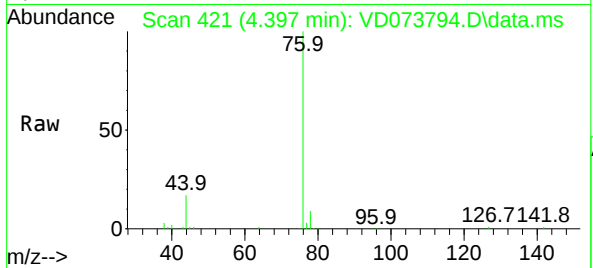
Tgt Ion: 43 Resp: 186673
Ion Ratio Lower Upper
43 100
58 28.9 21.3 31.9





#17
Carbon Disulfide
Concen: 118.283 ug/l
RT: 4.397 min Scan# 41
Delta R.T. -0.012 min
Lab File: VD073794.D
Acq: 06 Jul 2022 16:17

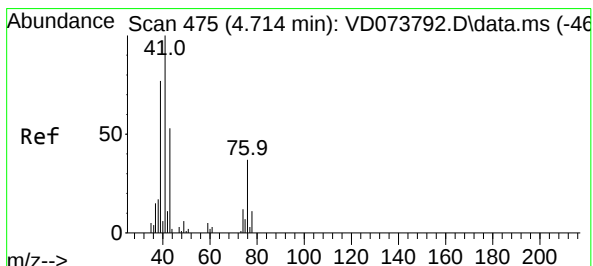
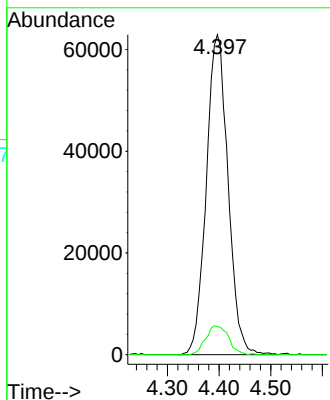
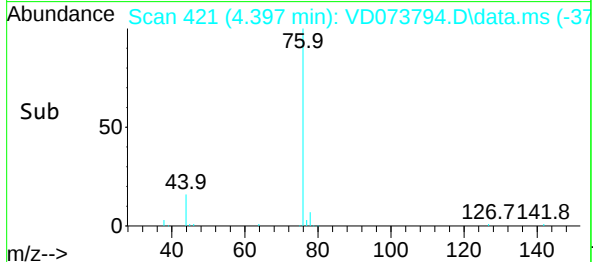
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



Tgt Ion: 76 Resp: 183510
Ion Ratio Lower Upper
76 100
78 8.8 6.8 10.2

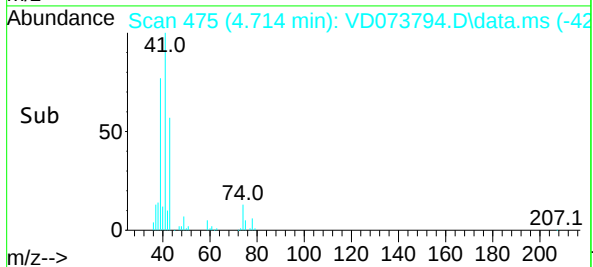
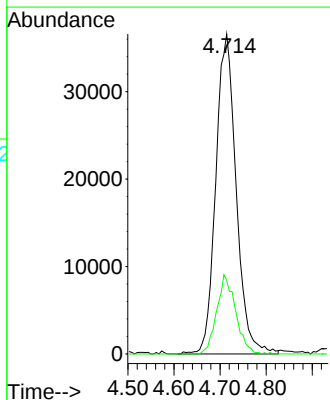
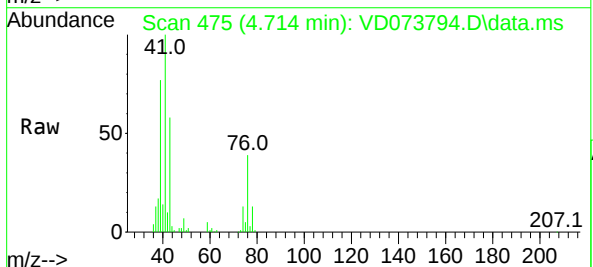
Manual Integrations
APPROVED

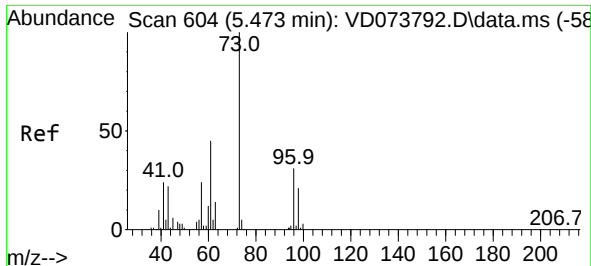
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#18
Methyl Acetate
Concen: 115.003 ug/l
RT: 4.714 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD073794.D
Acq: 06 Jul 2022 16:17

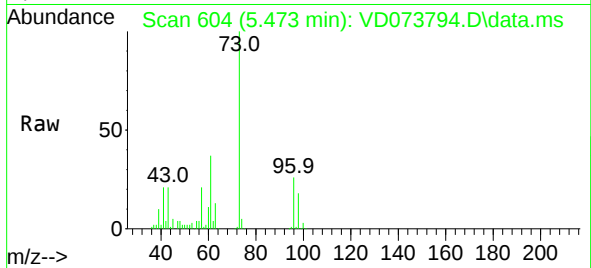
Tgt Ion: 43 Resp: 112220
Ion Ratio Lower Upper
43 100
74 22.9 18.3 27.5





#19
Methyl tert-butyl Ether
Concen: 154.415 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD073794.D
Acq: 06 Jul 2022 16:17

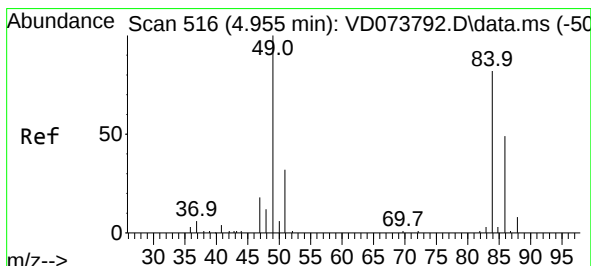
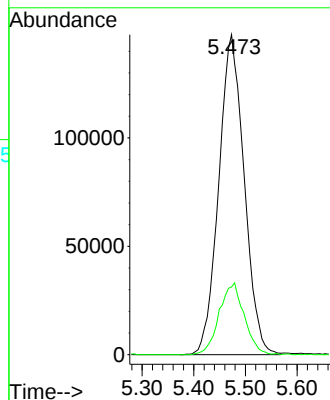
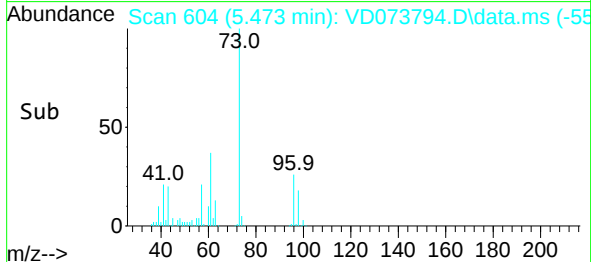
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



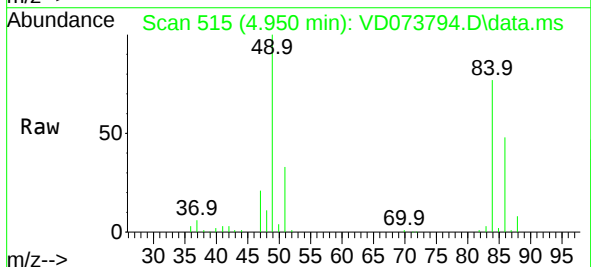
Tgt Ion: 73 Resp: 50440
Ion Ratio Lower Upper
73 100
57 21.1 19.0 28.6

Manual Integrations
APPROVED

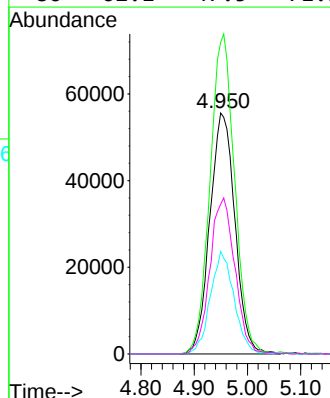
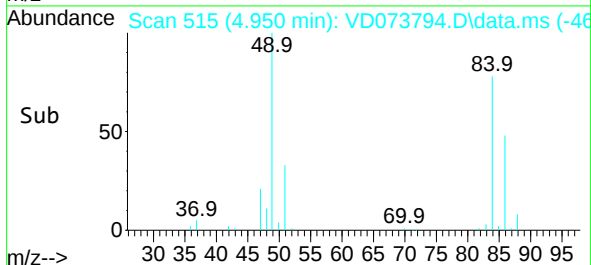
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

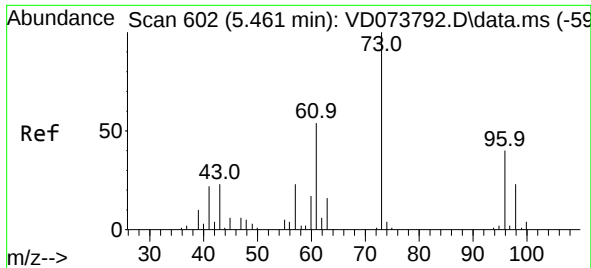


#20
Methylene Chloride
Concen: 112.714 ug/l
RT: 4.950 min Scan# 515
Delta R.T. -0.006 min
Lab File: VD073794.D
Acq: 06 Jul 2022 16:17



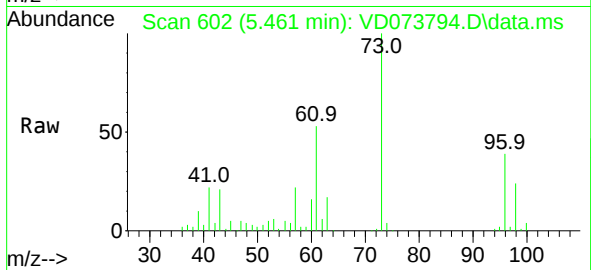
Tgt Ion: 84 Resp: 181735
Ion Ratio Lower Upper
84 100
49 129.4 97.4 146.2
51 42.5 30.8 46.2
86 62.1 47.5 71.3





#21
trans-1,2-Dichloroethene
Concen: 132.026 ug/l
RT: 5.461 min Scan# 602
Delta R.T. 0.000 min
Lab File: VD073794.D
Acq: 06 Jul 2022 16:17

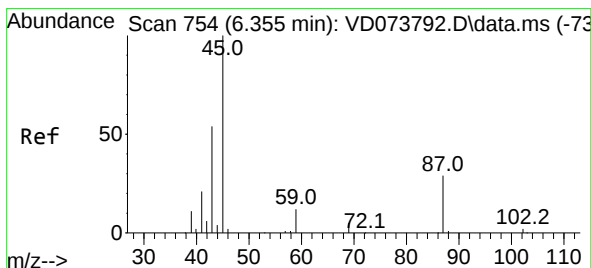
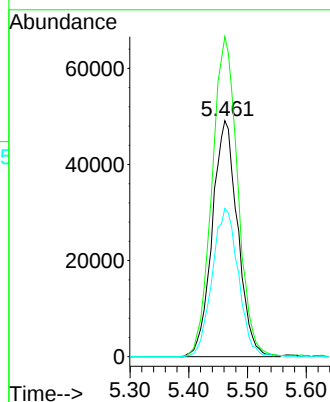
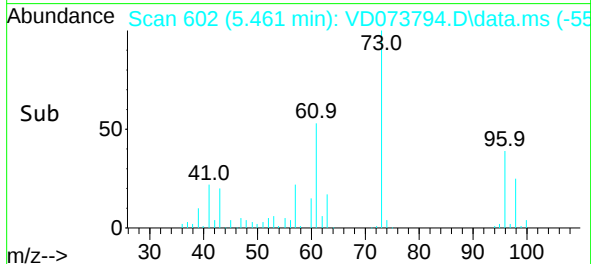
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



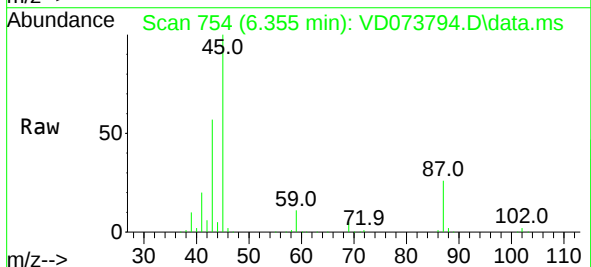
Tgt Ion: 96 Resp: 147668
Ion Ratio Lower Upper
96 100
61 135.6 108.2 162.2
98 62.9 45.4 68.0

Manual Integrations
APPROVED

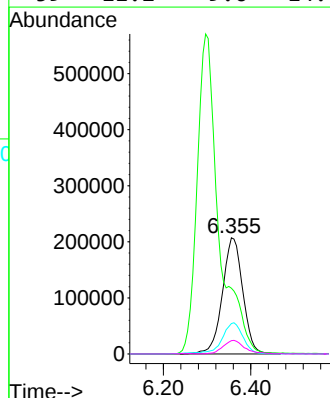
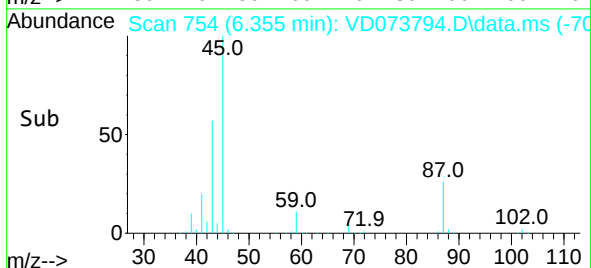
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

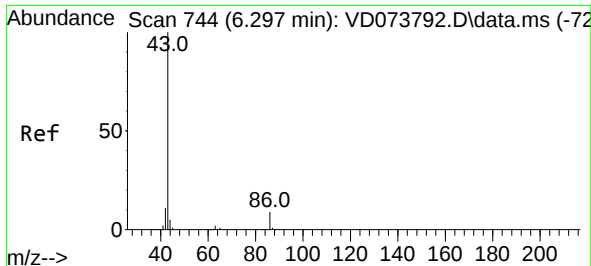


#22
Diisopropyl ether
Concen: 153.569 ug/l
RT: 6.355 min Scan# 754
Delta R.T. 0.000 min
Lab File: VD073794.D
Acq: 06 Jul 2022 16:17



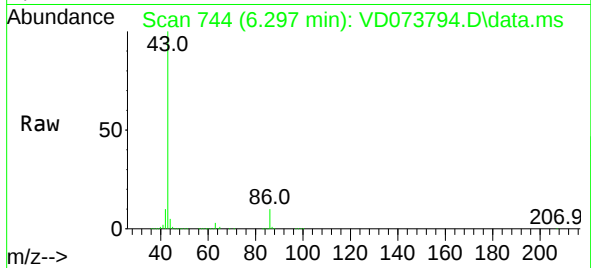
Tgt Ion: 45 Resp: 670806
Ion Ratio Lower Upper
45 100
43 55.9 44.6 67.0
87 26.1 23.2 34.8
59 11.2 9.6 14.4





#23
 Vinyl Acetate
 Concen: 882.320 ug/l
 RT: 6.297 min Scan# 744
 Delta R.T. 0.000 min
 Lab File: VD073794.D
 Acq: 06 Jul 2022 16:17

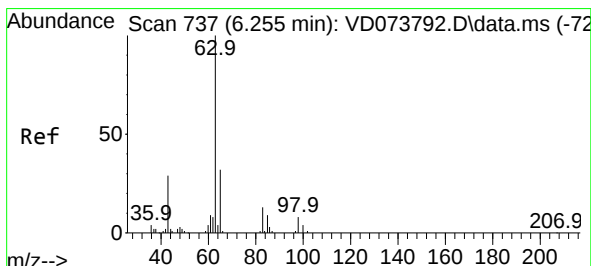
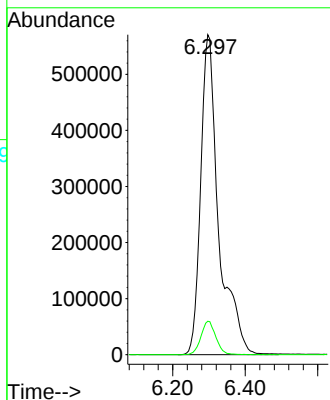
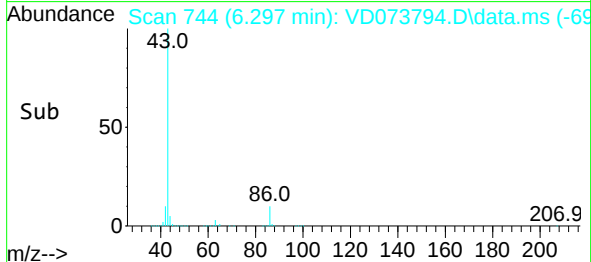
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150



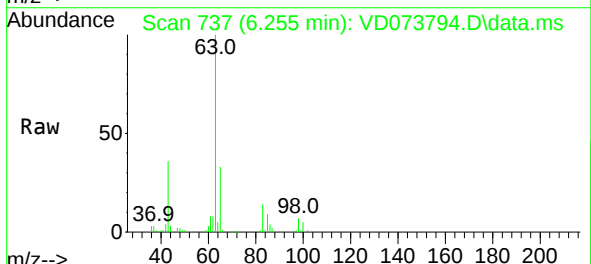
Tgt Ion: 43 Resp: 197018
 Ion Ratio Lower Upper
 43 100
 86 10.5 7.6 11.4

Manual Integrations
 APPROVED

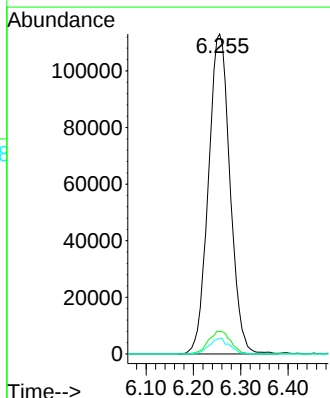
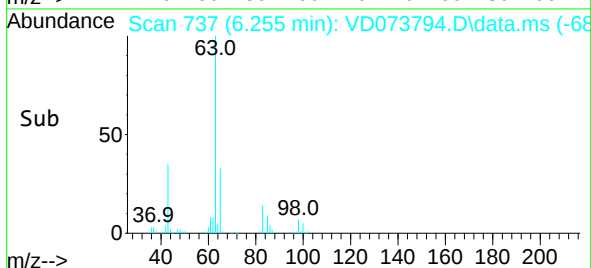
Reviewed By :John Carlone 07/07/2022
 Supervised By :Mahesh Dadoda 07/07/2022

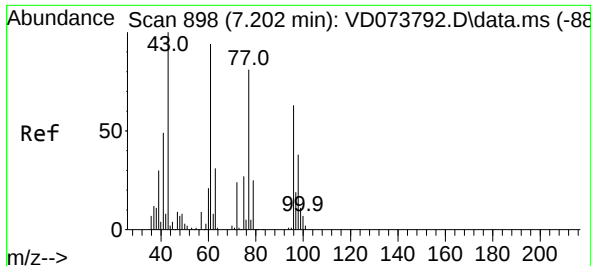


#24
 1,1-Dichloroethane
 Concen: 146.716 ug/l
 RT: 6.255 min Scan# 737
 Delta R.T. 0.000 min
 Lab File: VD073794.D
 Acq: 06 Jul 2022 16:17



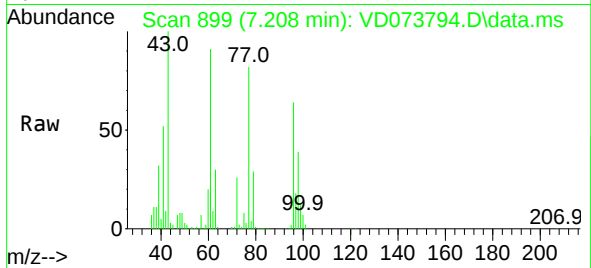
Tgt Ion: 63 Resp: 358093
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.9 11.5
 100 4.9 2.2 6.6





#25
2-Butanone
Concen: 770.392 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD073794.D
Acq: 06 Jul 2022 16:17

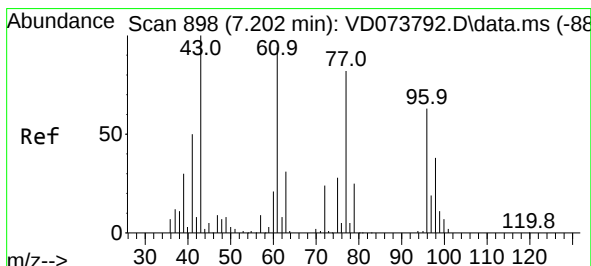
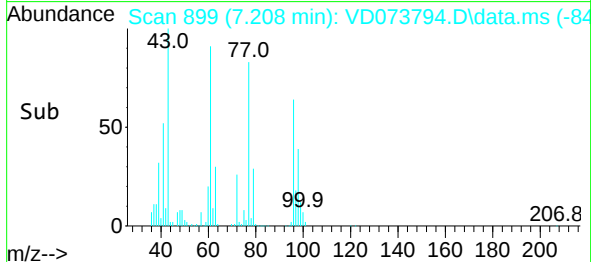
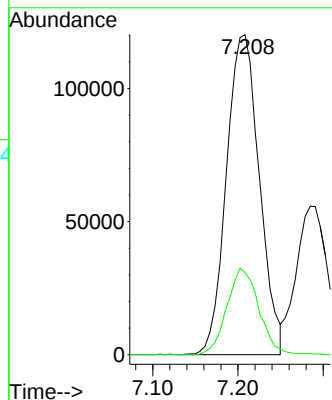
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 32359
Ion Ratio Lower Upper
43 100
72 25.7 18.8 28.2

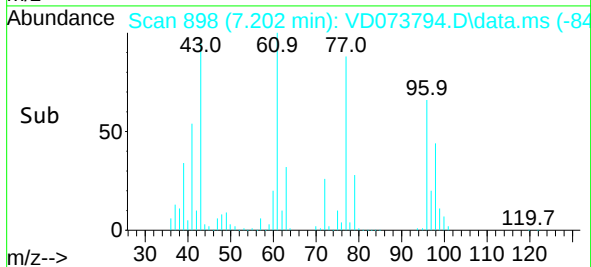
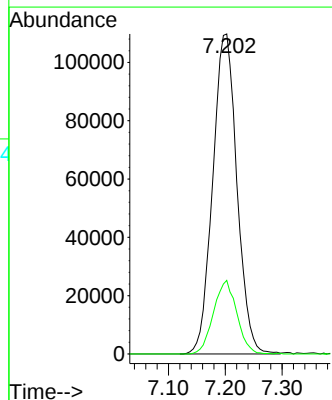
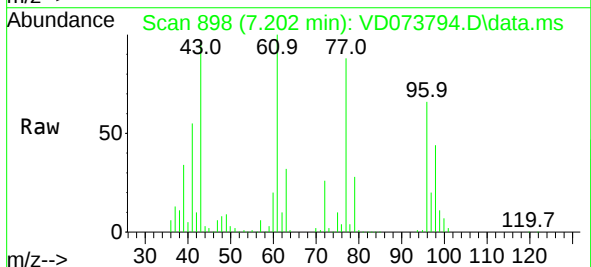
Manual Integrations
APPROVED

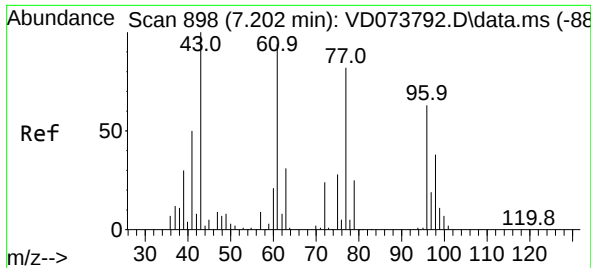
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#26
2,2-Dichloropropane
Concen: 145.954 ug/l
RT: 7.202 min Scan# 898
Delta R.T. 0.000 min
Lab File: VD073794.D
Acq: 06 Jul 2022 16:17

Tgt Ion: 77 Resp: 325410
Ion Ratio Lower Upper
77 100
97 22.1 10.8 32.4





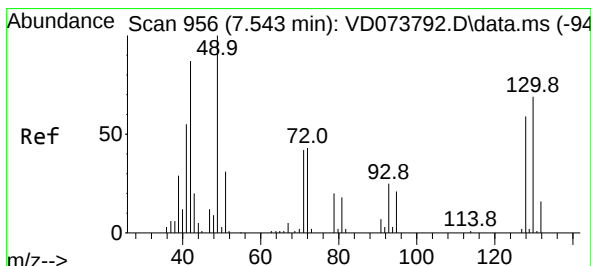
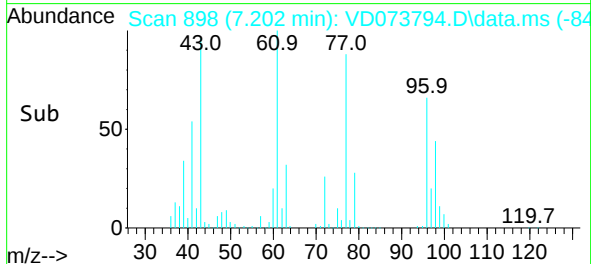
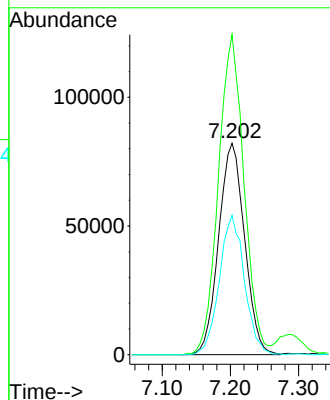
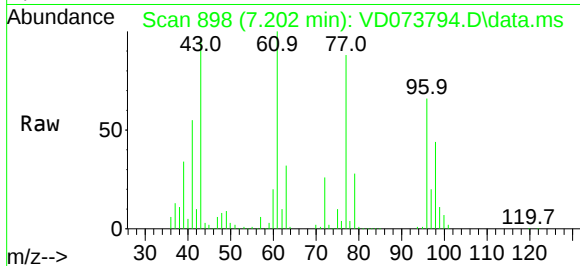
#27
cis-1,2-Dichloroethene
Concen: 142.827 ug/l
RT: 7.202 min Scan# 898
Delta R.T. 0.000 min
Lab File: VD073794.D
Acq: 06 Jul 2022 16:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion: 96 Resp: 21768
Ion Ratio Lower Upper
96 100
61 149.1 0.0 303.2
98 63.8 0.0 125.2

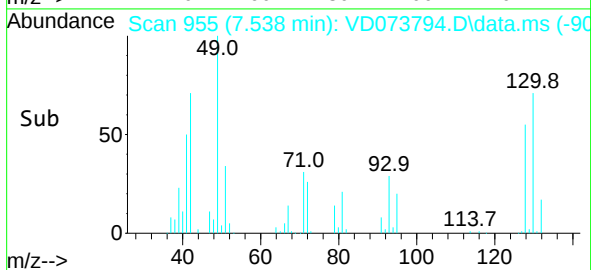
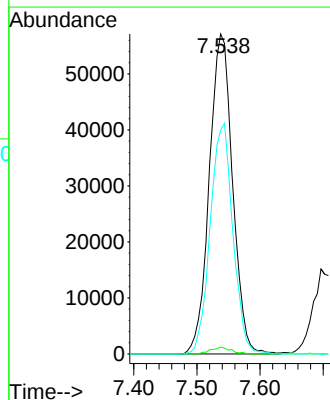
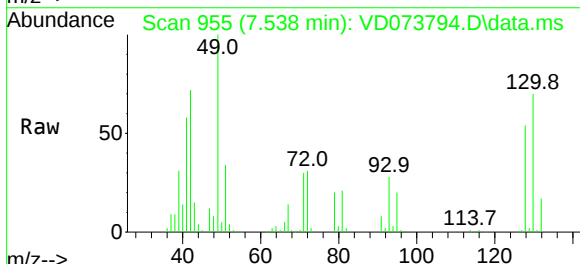
Manual Integrations
APPROVED

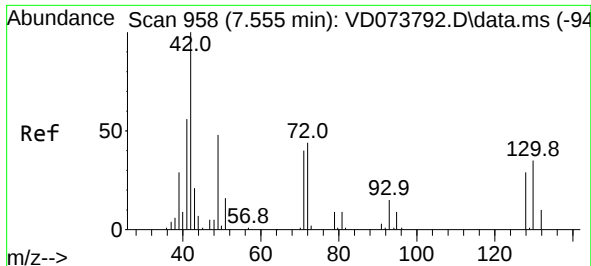
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#28
Bromochloromethane
Concen: 156.803 ug/l
RT: 7.538 min Scan# 955
Delta R.T. -0.006 min
Lab File: VD073794.D
Acq: 06 Jul 2022 16:17

Tgt Ion: 49 Resp: 146392
Ion Ratio Lower Upper
49 100
129 1.8 0.0 3.6
130 70.1 55.2 82.8





#29

Tetrahydrofuran

Concen: 776.086 ug/l

RT: 7.555 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD073794.D

Acq: 06 Jul 2022 16:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC150

Tgt Ion: 42 Resp: 20346

Ion Ratio Lower Upper

42 100

72 42.8 34.6 52.0

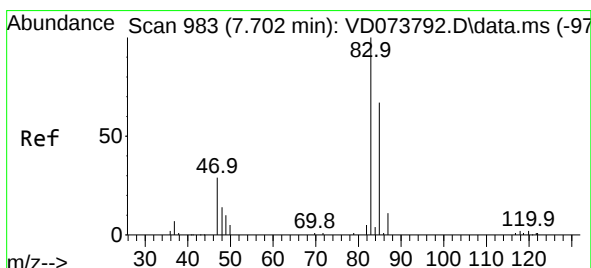
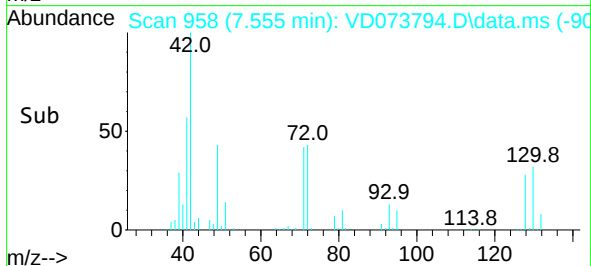
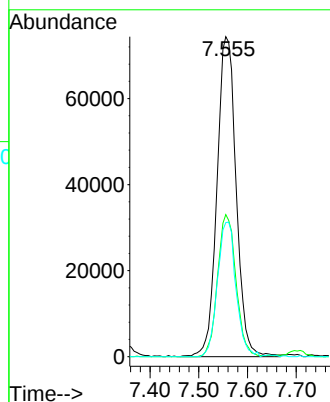
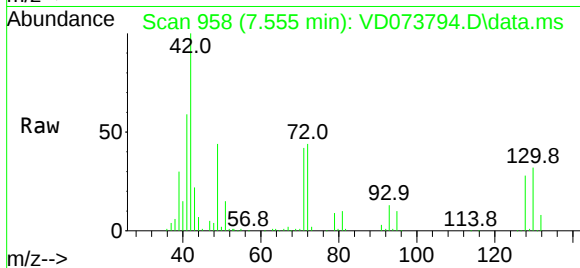
71 40.5 33.0 49.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#30

Chloroform

Concen: 154.590 ug/l

RT: 7.702 min Scan# 983

Delta R.T. 0.000 min

Lab File: VD073794.D

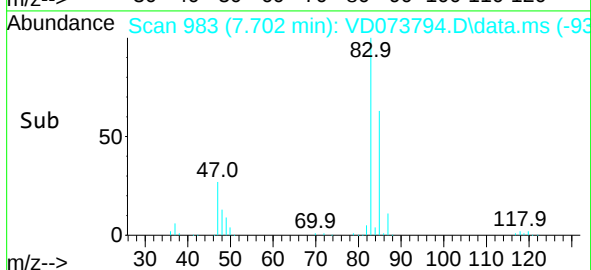
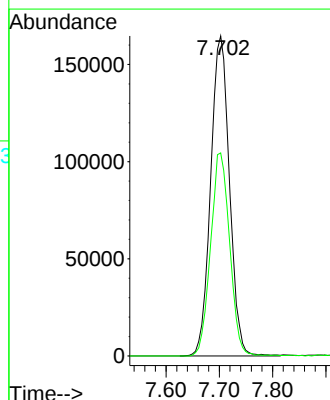
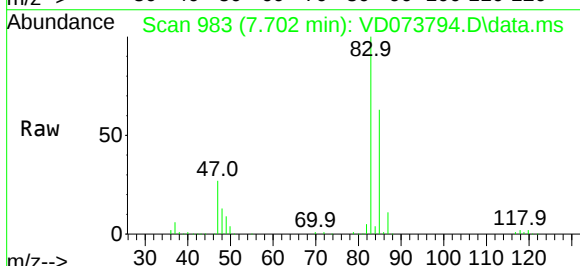
Acq: 06 Jul 2022 16:17

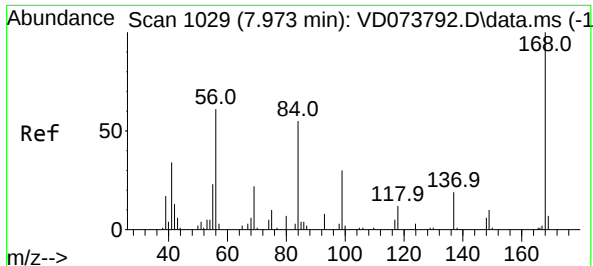
Tgt Ion: 83 Resp: 403138

Ion Ratio Lower Upper

83 100

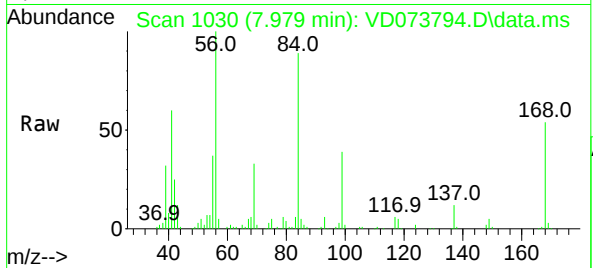
85 63.5 53.4 80.0





#31
Cyclohexane
Concen: 113.964 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD073794.D
Acq: 06 Jul 2022 16:17

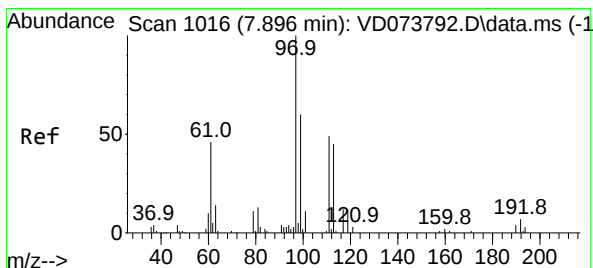
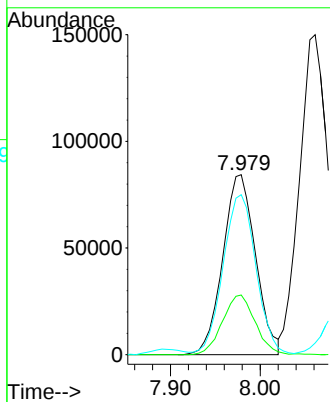
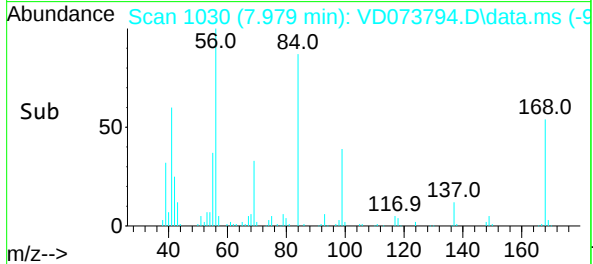
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



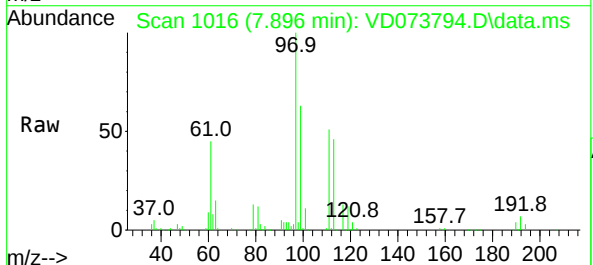
Tgt Ion: 56 Resp: 21405
Ion Ratio Lower Upper
56 100
69 33.2 29.4 44.2
84 86.5 72.1 108.1

Manual Integrations
APPROVED

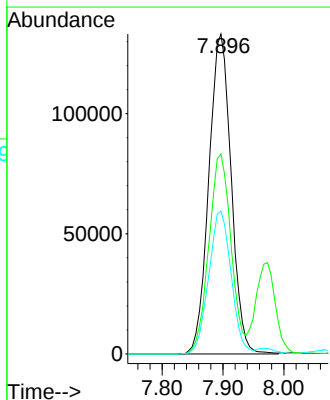
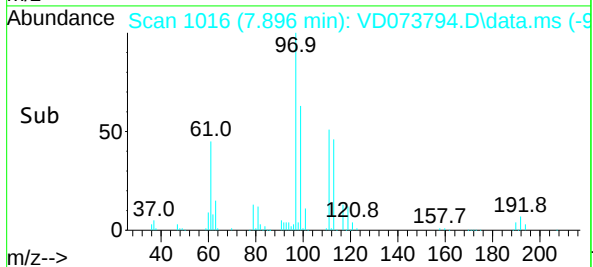
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

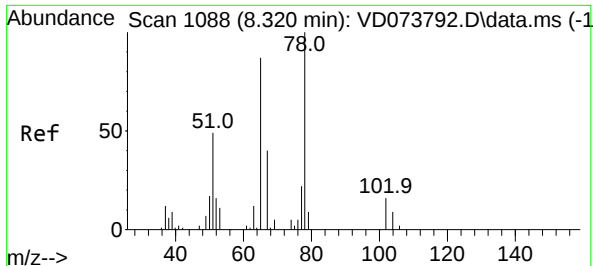


#32
1,1,1-Trichloroethane
Concen: 149.398 ug/l
RT: 7.896 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VD073794.D
Acq: 06 Jul 2022 16:17



Tgt Ion: 97 Resp: 339283
Ion Ratio Lower Upper
97 100
99 62.4 49.8 74.8
61 45.0 35.8 53.6





#33

1,2-Dichloroethane-d4

Concen: 144.510 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VD073794.D

Acq: 06 Jul 2022 16:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC150

Tgt Ion: 65 Resp: 17586

Ion Ratio Lower Upper

65 100

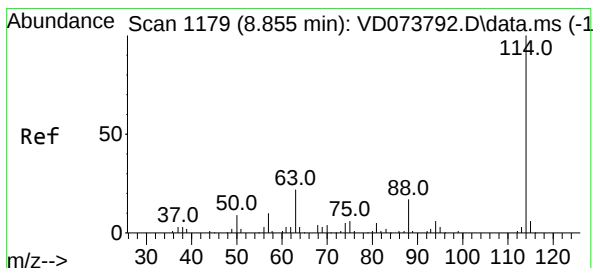
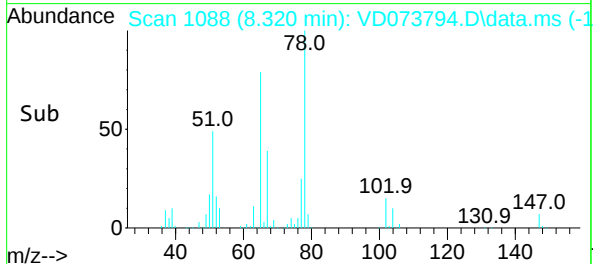
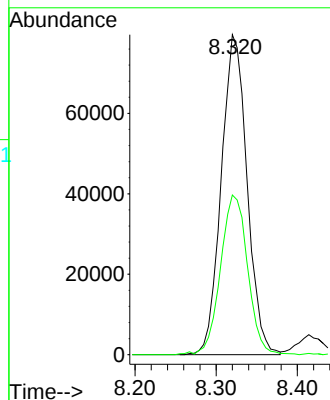
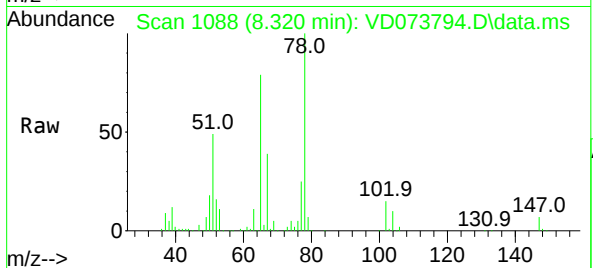
67 52.5 0.0 105.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073794.D

Acq: 06 Jul 2022 16:17

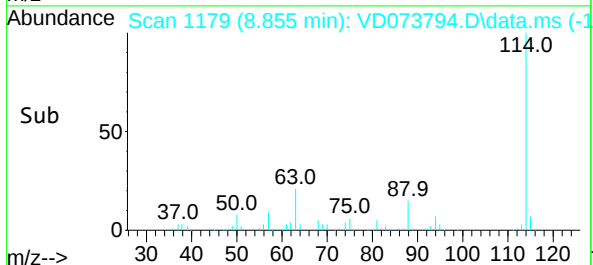
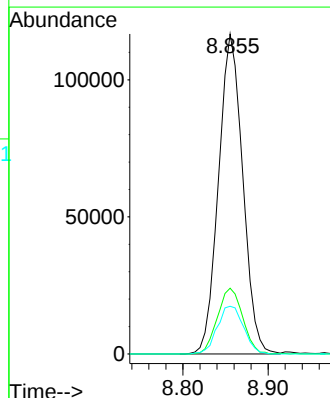
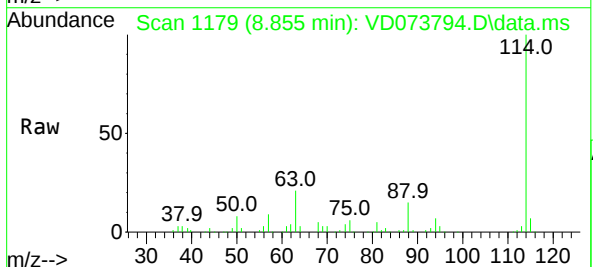
Tgt Ion:114 Resp: 230370

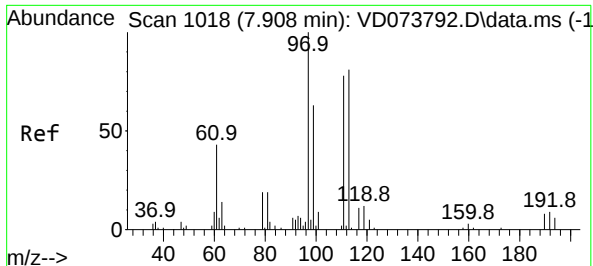
Ion Ratio Lower Upper

114 100

63 20.5 0.0 44.2

88 14.9 0.0 33.6





#35

Dibromofluoromethane

Concen: 139.225 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073794.D

Acq: 06 Jul 2022 16:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tgt Ion:113 Resp: 17642

Ion Ratio Lower Upper

113 100

111 104.1 82.7 124.1

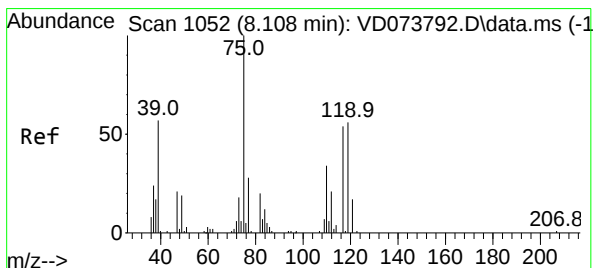
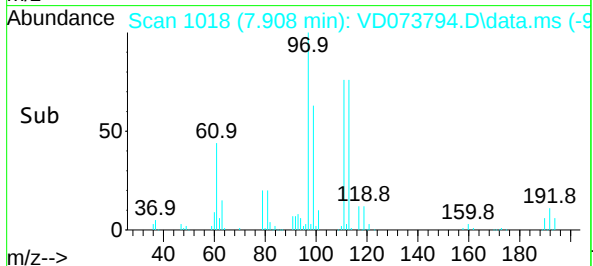
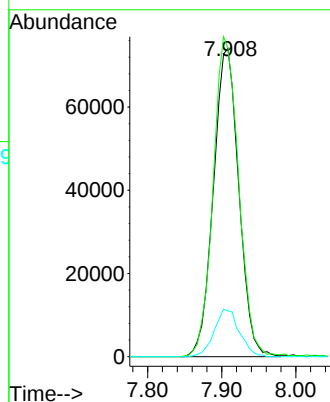
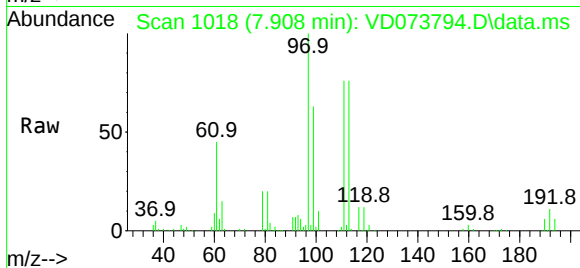
192 15.3 11.7 17.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#36

1,1-Dichloropropene

Concen: 137.340 ug/l

RT: 8.102 min Scan# 1051

Delta R.T. -0.006 min

Lab File: VD073794.D

Acq: 06 Jul 2022 16:17

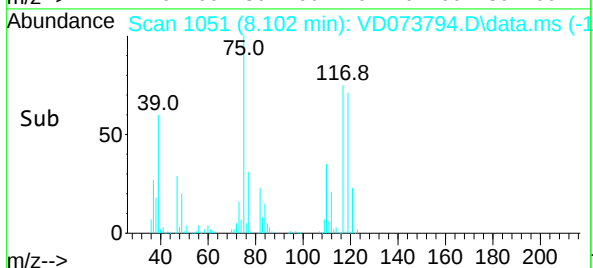
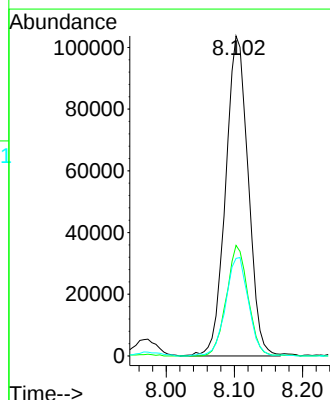
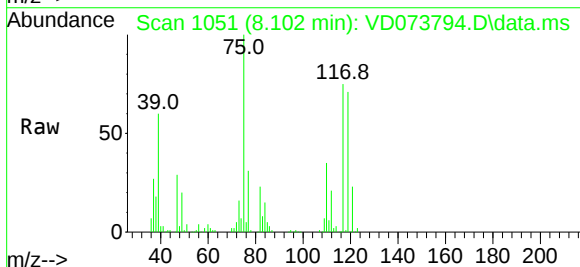
Tgt Ion: 75 Resp: 239492

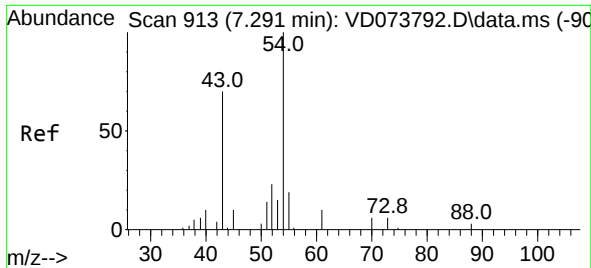
Ion Ratio Lower Upper

75 100

110 33.0 16.9 50.7

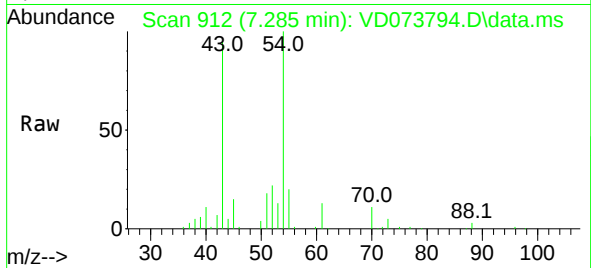
77 31.2 24.8 37.2





#37
Ethyl Acetate
Concen: 157.963 ug/l
RT: 7.285 min Scan# 913
Delta R.T. -0.006 min
Lab File: VD073794.D
Acq: 06 Jul 2022 16:17

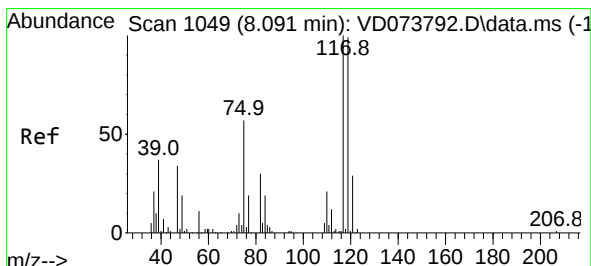
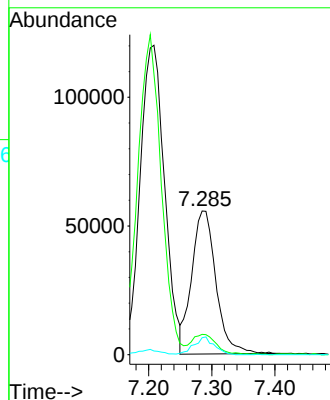
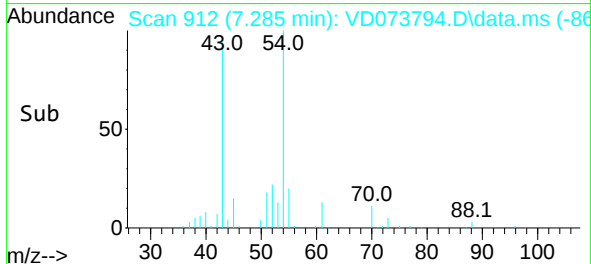
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150



Tgt Ion: 43 Resp: 14855
Ion Ratio Lower Upper
43 100
61 14.2 10.7 16.1
70 10.3 7.7 11.5

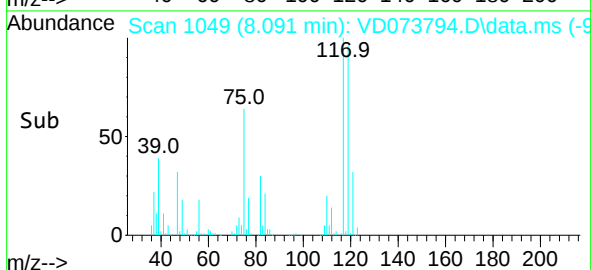
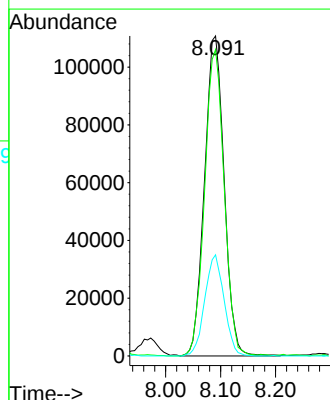
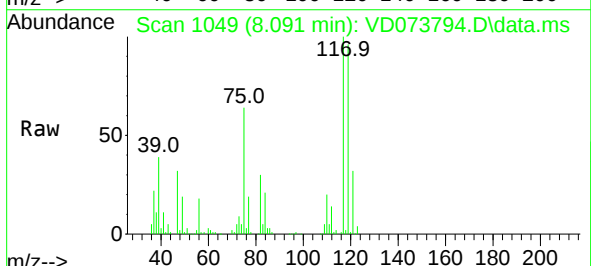
Manual Integrations
APPROVED

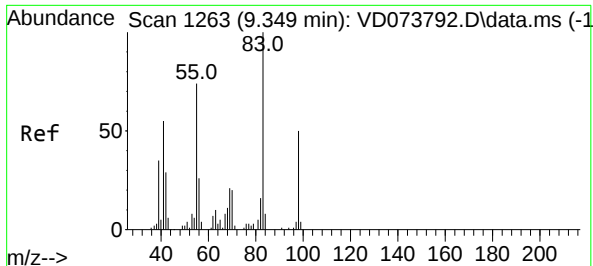
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#38
Carbon Tetrachloride
Concen: 145.518 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VD073794.D
Acq: 06 Jul 2022 16:17

Tgt Ion:117 Resp: 275753
Ion Ratio Lower Upper
117 100
119 95.7 79.3 118.9
121 31.6 22.9 34.3





#39

Methylcyclohexane

Concen: 124.260 ug/l

RT: 9.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD073794.D

Acq: 06 Jul 2022 16:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC150

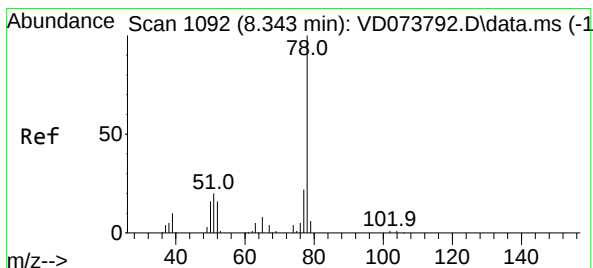
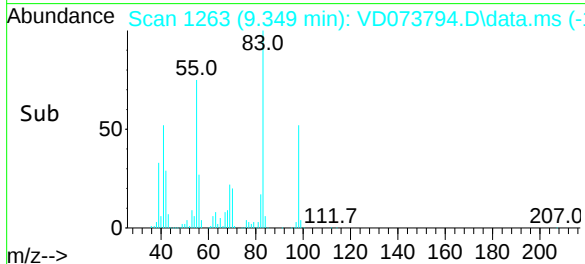
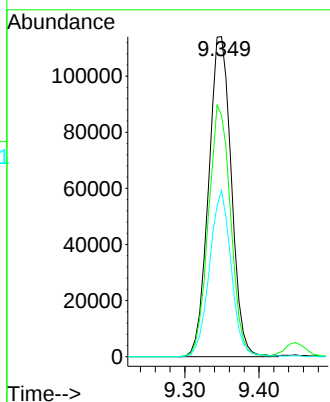
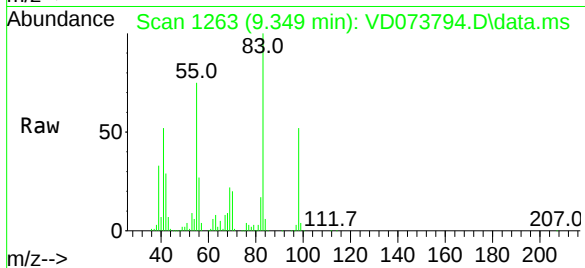
Tgt Ion:	83	Resp:	24309
Ion	Ratio	Lower	Upper
83	100		
55	75.4	59.3	88.9
98	52.0	40.4	60.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#40

Benzene

Concen: 139.562 ug/l

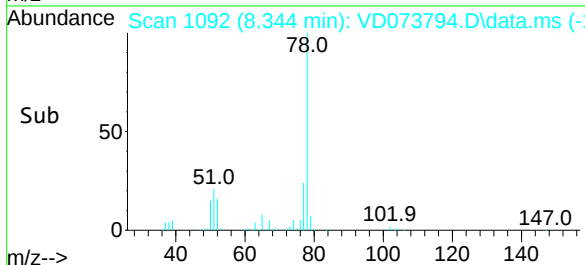
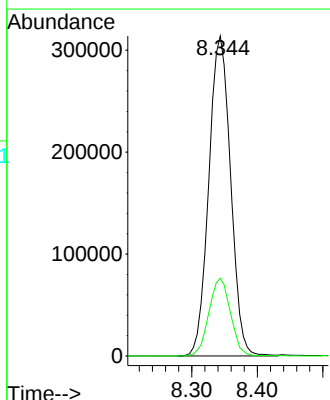
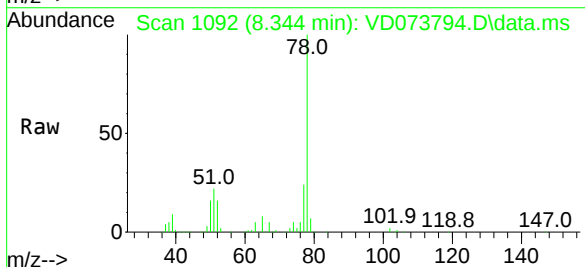
RT: 8.344 min Scan# 1092

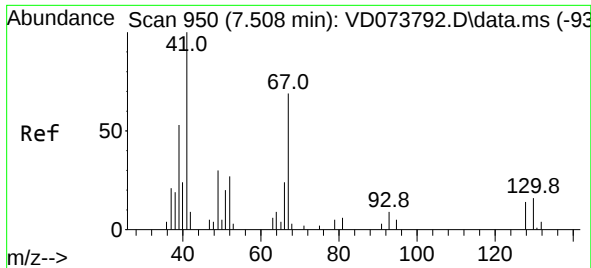
Delta R.T. 0.000 min

Lab File: VD073794.D

Acq: 06 Jul 2022 16:17

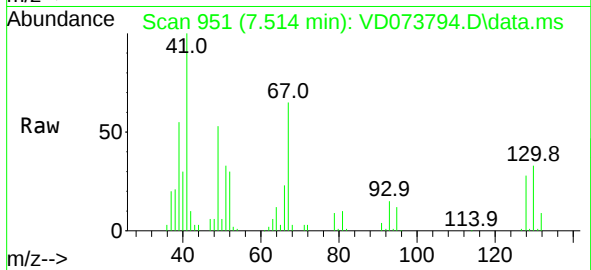
Tgt Ion:	78	Resp:	723493
Ion	Ratio	Lower	Upper
78	100		
77	24.2	17.8	26.6





#41
Methacrylonitrile
Concen: 158.633 ug/l
RT: 7.514 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD073794.D
Acq: 06 Jul 2022 16:17

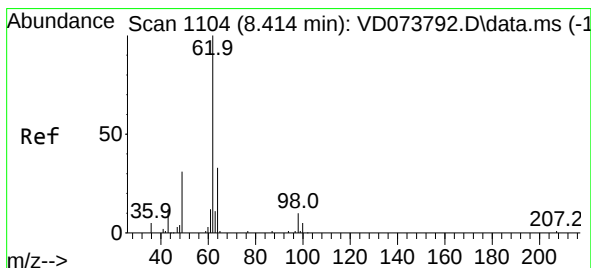
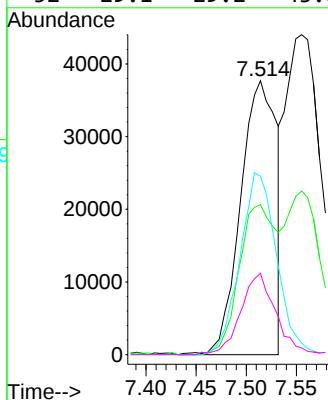
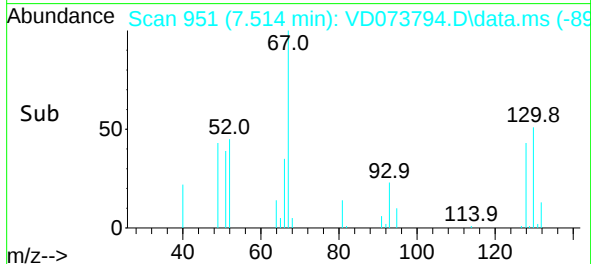
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



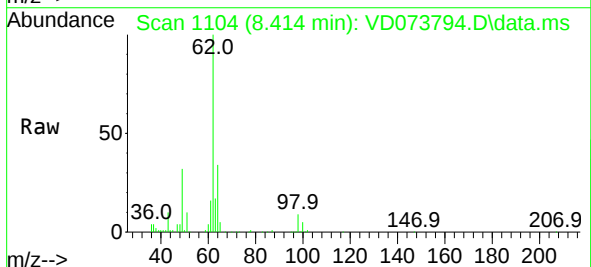
Tgt Ion:	41	Resp:	93704
Ion	Ratio	Lower	Upper
41	100		
39	56.2	51.3	76.9
67	67.8	65.5	98.3
52	29.1	29.2	43.8

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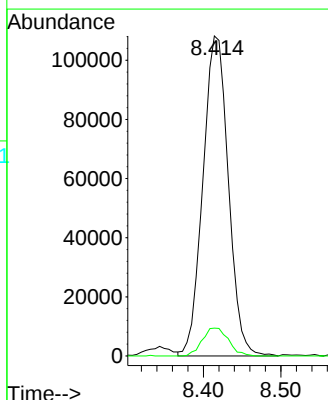
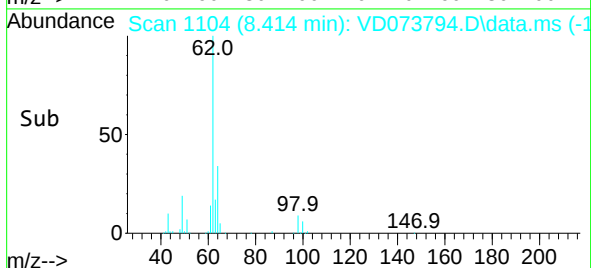
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

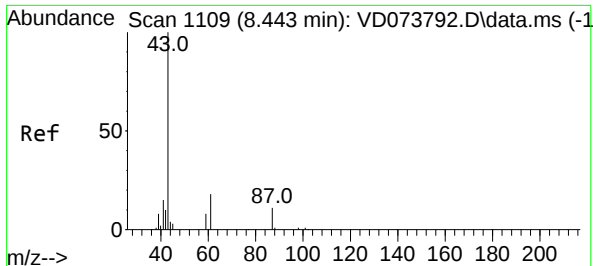


#42
1,2-Dichloroethane
Concen: 154.123 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VD073794.D
Acq: 06 Jul 2022 16:17



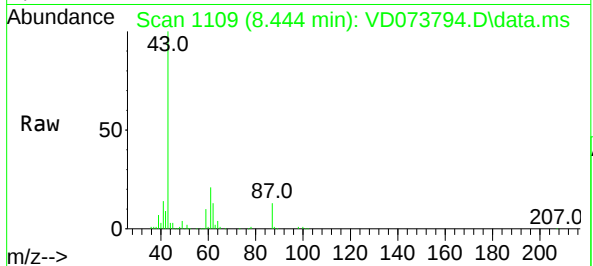
Tgt Ion:	62	Resp:	247059
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.4





#43
Isopropyl Acetate
Concen: 155.301 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VD073794.D
Acq: 06 Jul 2022 16:17

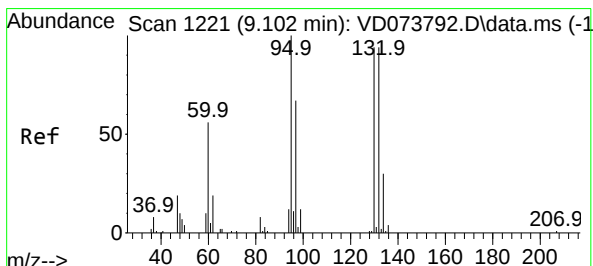
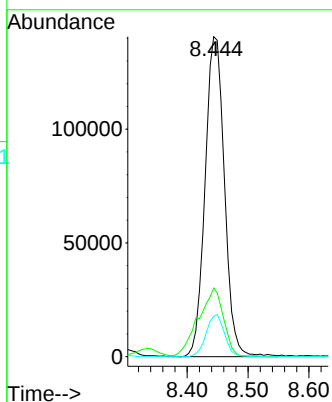
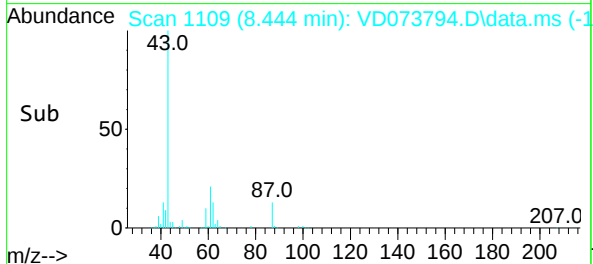
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



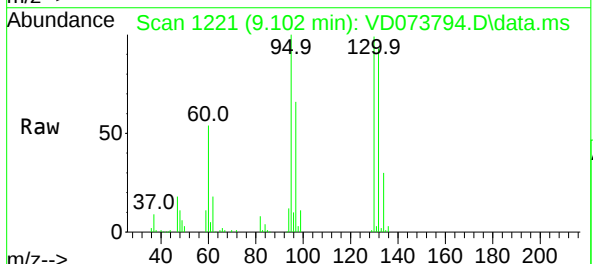
Tgt Ion: 43 Resp: 311252
Ion Ratio Lower Upper
43 100
61 28.0 21.8 32.8
87 12.4 9.6 14.4

Manual Integrations
APPROVED

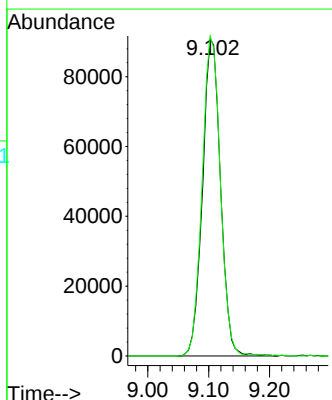
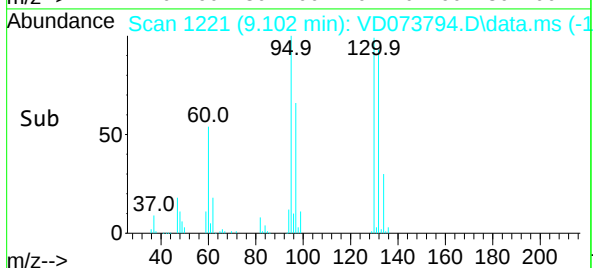
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

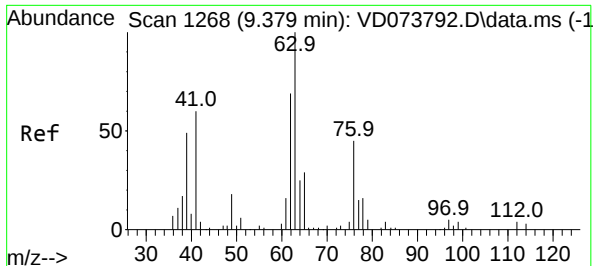


#44
Trichloroethene
Concen: 136.915 ug/l
RT: 9.102 min Scan# 1221
Delta R.T. 0.000 min
Lab File: VD073794.D
Acq: 06 Jul 2022 16:17



Tgt Ion:130 Resp: 186813
Ion Ratio Lower Upper
130 100
95 100.9 0.0 212.6





#45

1,2-Dichloropropane

Concen: 140.829 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. 0.000 min

Lab File: VD073794.D

Acq: 06 Jul 2022 16:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tgt Ion: 63 Resp: 20943

Ion Ratio Lower Upper

63 100

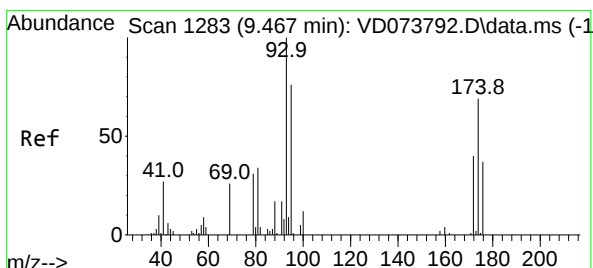
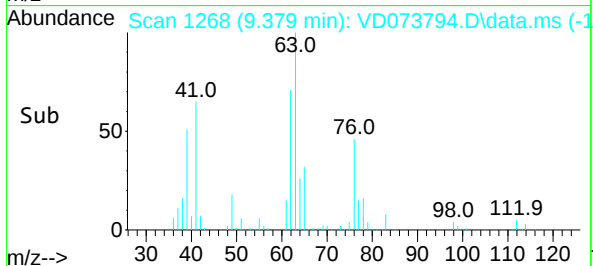
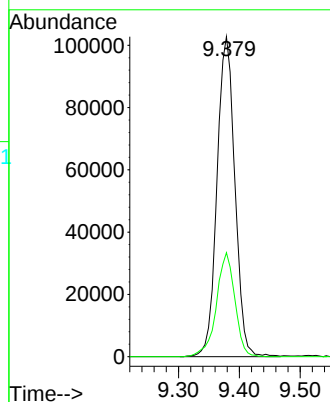
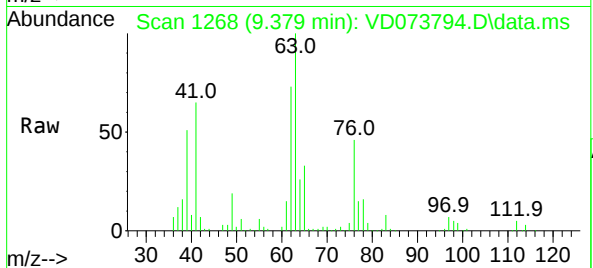
65 32.5 23.4 35.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#46

Dibromomethane

Concen: 148.608 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD073794.D

Acq: 06 Jul 2022 16:17

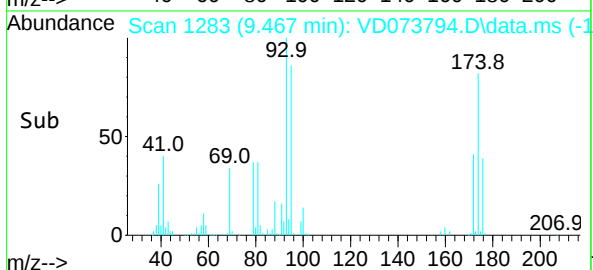
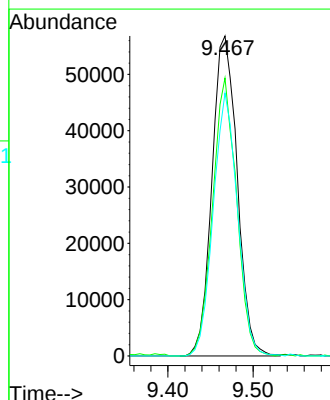
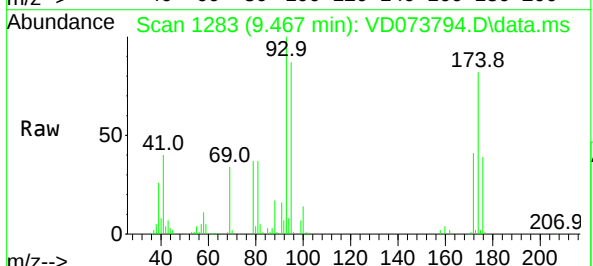
Tgt Ion: 93 Resp: 116936

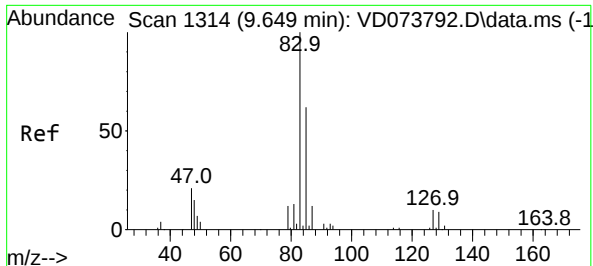
Ion Ratio Lower Upper

93 100

95 82.5 64.8 97.2

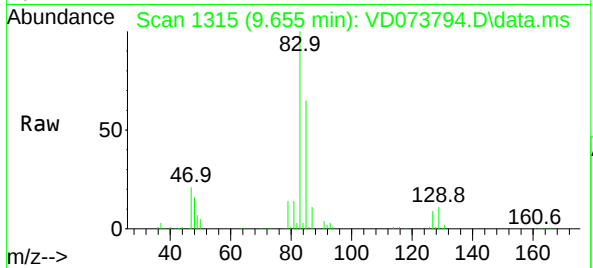
174 79.2 59.3 88.9





#47
Bromodichloromethane
Concen: 153.798 ug/l
RT: 9.655 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD073794.D
Acq: 06 Jul 2022 16:17

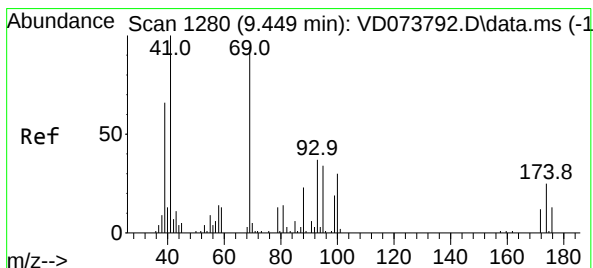
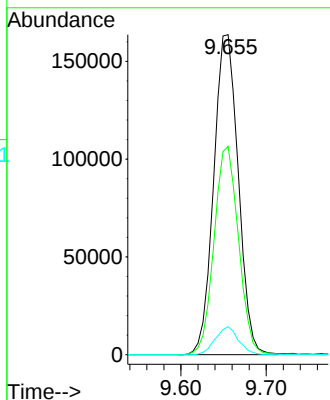
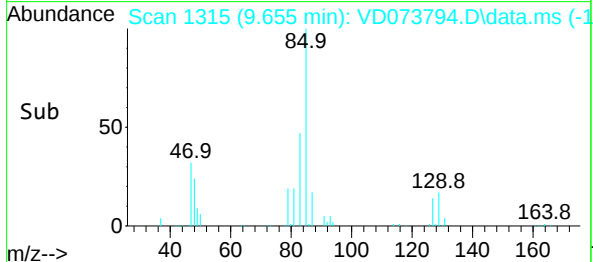
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



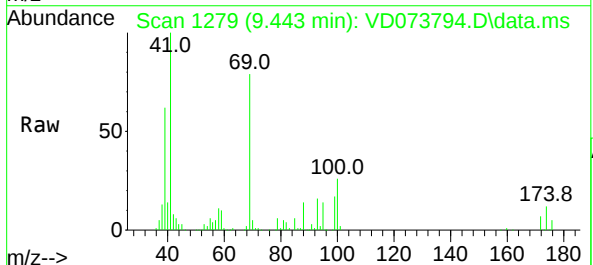
Tgt Ion: 83 Resp: 327800
Ion Ratio Lower Upper
83 100
85 65.1 49.4 74.0
127 8.8 7.8 11.6

Manual Integrations
APPROVED

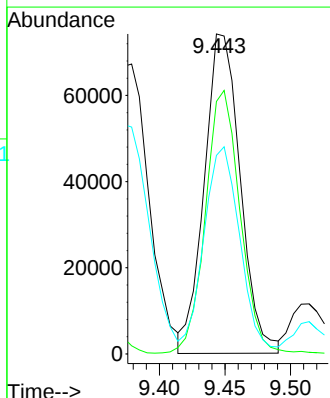
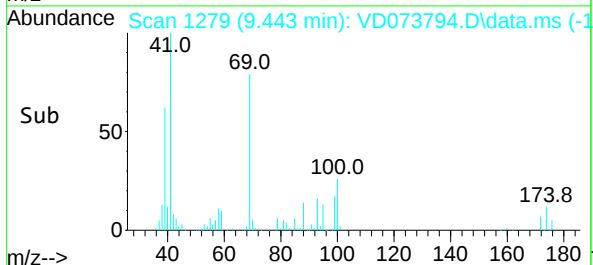
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

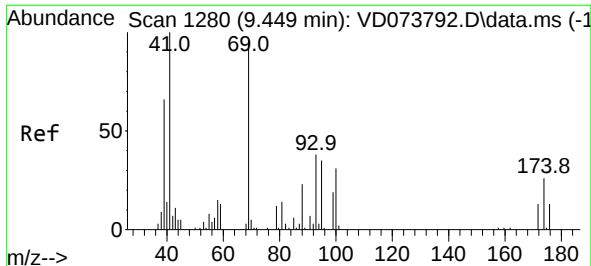


#48
Methyl methacrylate
Concen: 158.092 ug/l
RT: 9.443 min Scan# 1279
Delta R.T. -0.006 min
Lab File: VD073794.D
Acq: 06 Jul 2022 16:17



Tgt Ion: 41 Resp: 141676
Ion Ratio Lower Upper
41 100
69 79.9 64.6 96.8
39 65.0 54.2 81.4





#49

1,4-Dioxane

Concen: 3059.005 ug/l

RT: 9.455 min Scan# 1280

Delta R.T. 0.006 min

Lab File: VD073794.D

Acq: 06 Jul 2022 16:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC150

Tgt Ion: 88 Resp: 3242

Ion Ratio Lower Upper

88 100

43 36.5 33.3 49.9

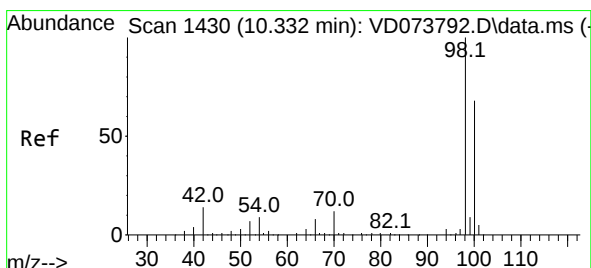
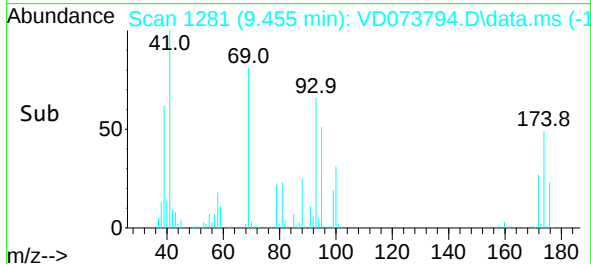
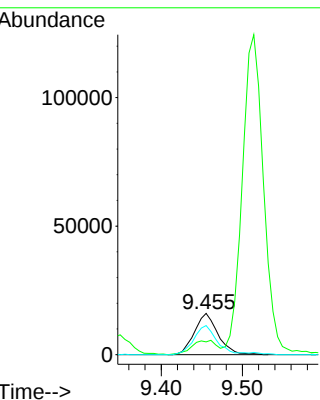
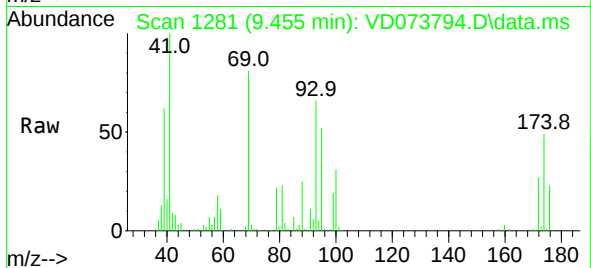
58 68.3 54.2 81.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#50

Toluene-d8

Concen: 126.951 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VD073794.D

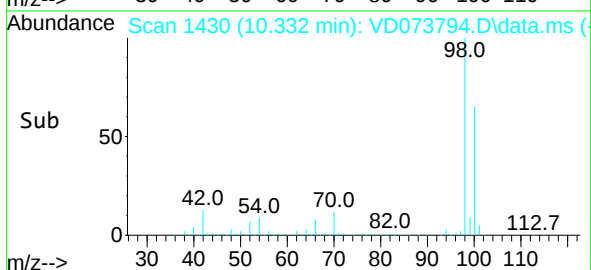
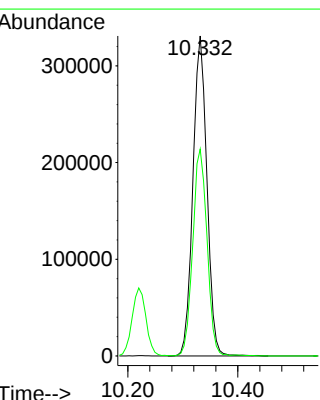
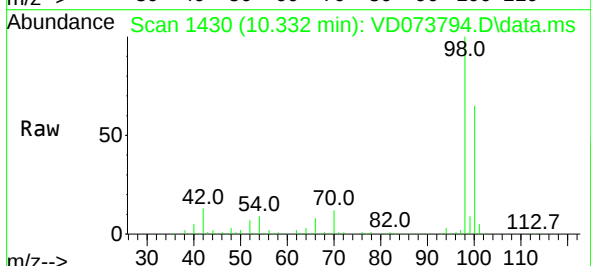
Acq: 06 Jul 2022 16:17

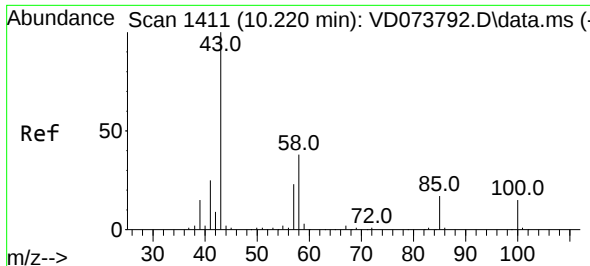
Tgt Ion: 98 Resp: 584715

Ion Ratio Lower Upper

98 100

100 65.8 51.9 77.9





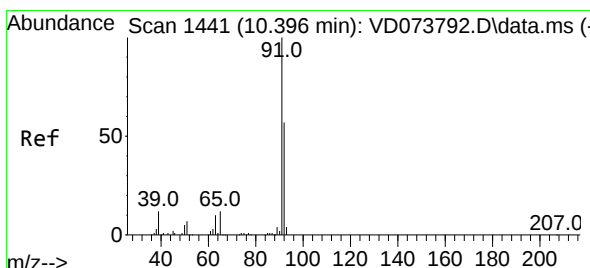
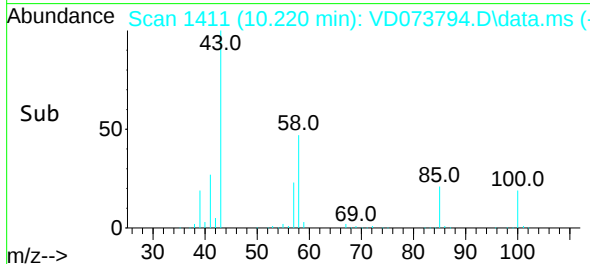
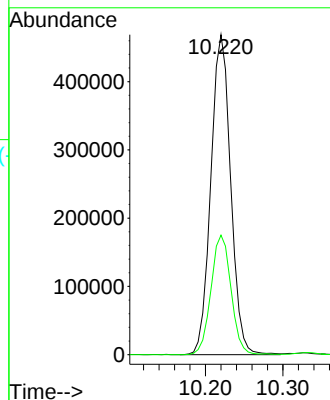
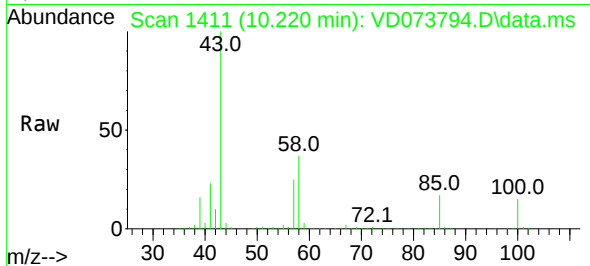
#51
4-Methyl-2-Pentanone
Concen: 811.432 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073794.D
Acq: 06 Jul 2022 16:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 83342
Ion Ratio Lower Upper
43 100
58 37.8 30.1 45.1

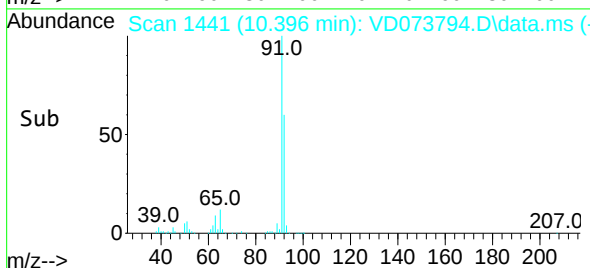
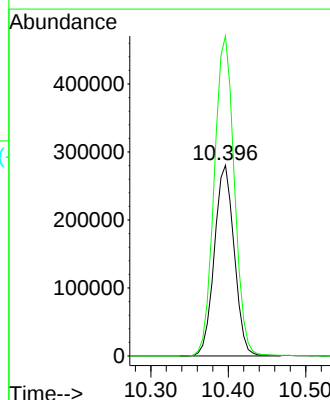
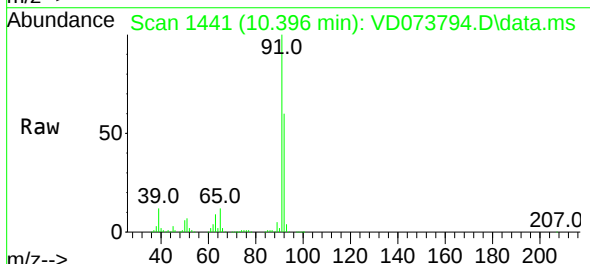
Manual Integrations
APPROVED

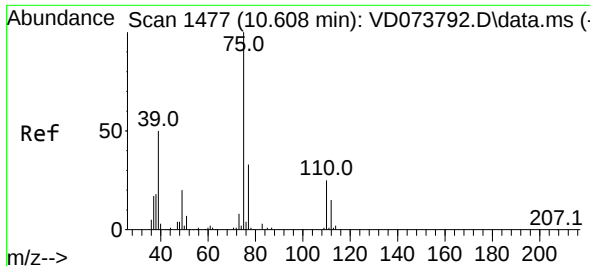
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#52
Toluene
Concen: 144.333 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD073794.D
Acq: 06 Jul 2022 16:17

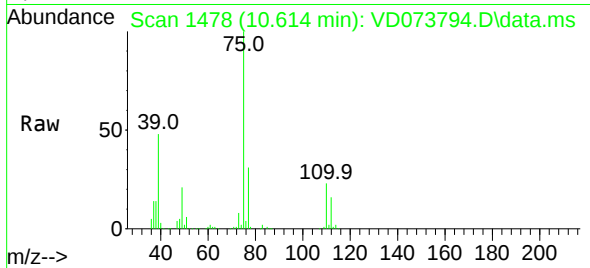
Tgt Ion: 92 Resp: 499198
Ion Ratio Lower Upper
92 100
91 170.4 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 149.800 ug/l
RT: 10.614 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VD073794.D
Acq: 06 Jul 2022 16:17

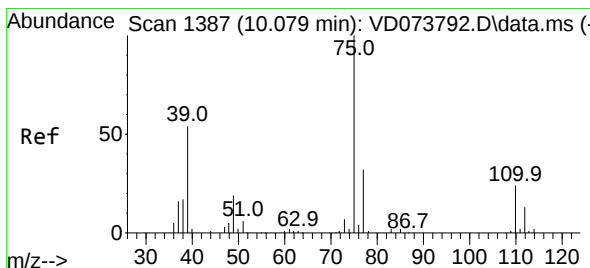
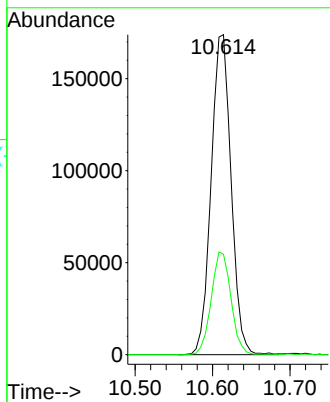
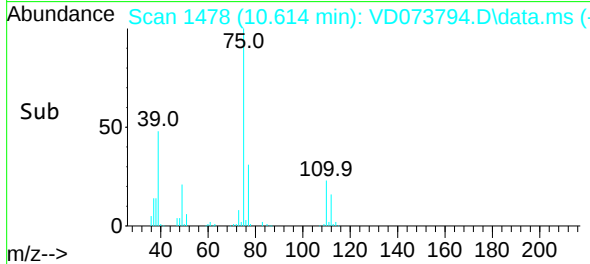
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



Tgt Ion: 75 Resp: 311678
Ion Ratio Lower Upper
75 100
77 31.4 26.6 40.0

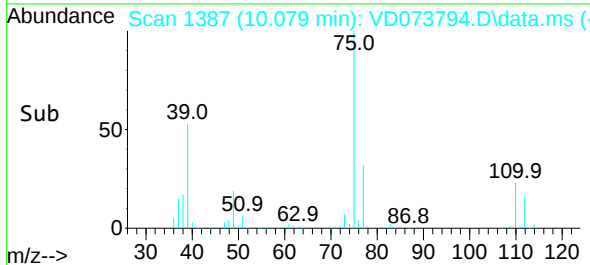
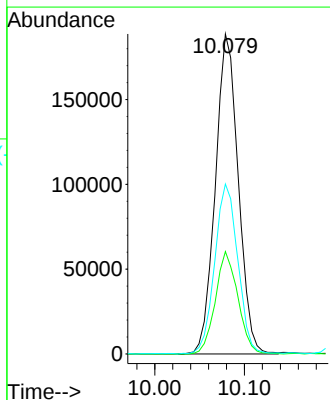
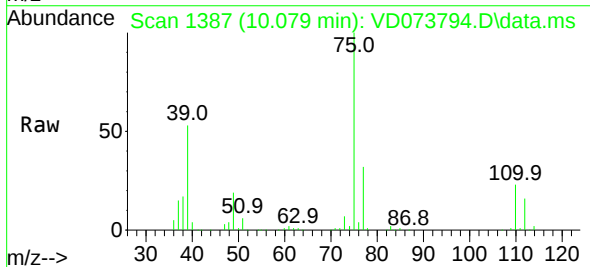
Manual Integrations
APPROVED

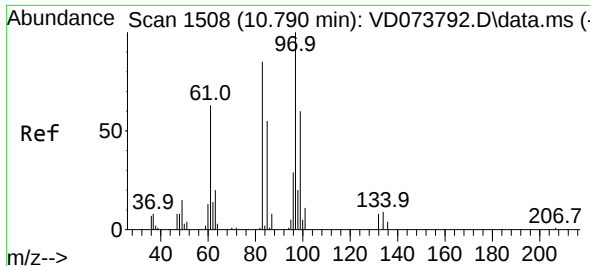
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#54
cis-1,3-Dichloropropene
Concen: 142.941 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VD073794.D
Acq: 06 Jul 2022 16:17

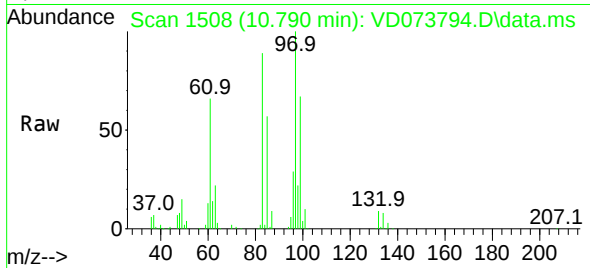
Tgt Ion: 75 Resp: 334551
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.0
39 53.1 42.9 64.3





#55
1,1,2-Trichloroethane
Concen: 151.400 ug/l
RT: 10.790 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VD073794.D
Acq: 06 Jul 2022 16:17

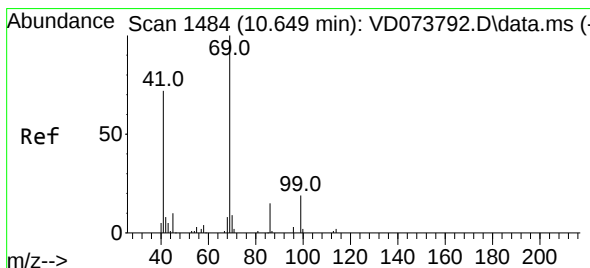
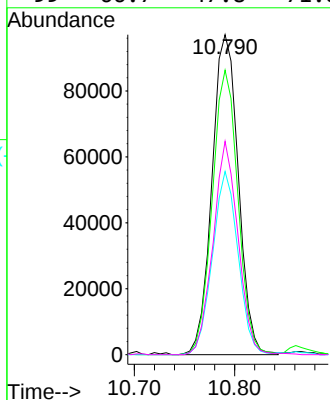
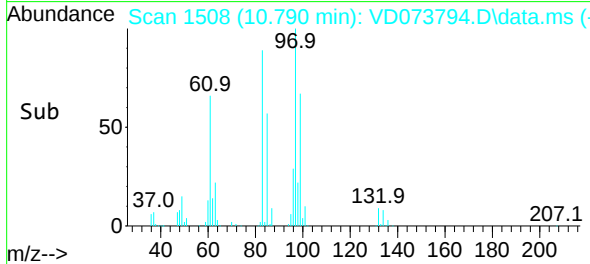
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



Tgt Ion: 97 Resp: 17712
Ion Ratio Lower Upper
97 100
83 88.9 68.2 102.2
85 57.3 43.9 65.9
99 66.7 47.8 71.8

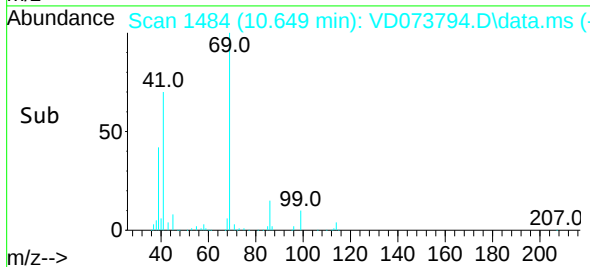
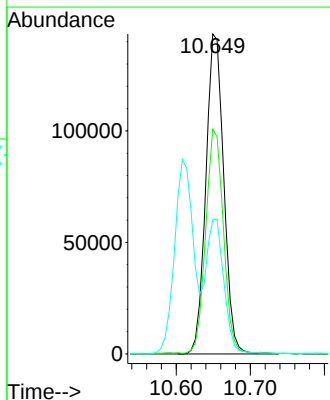
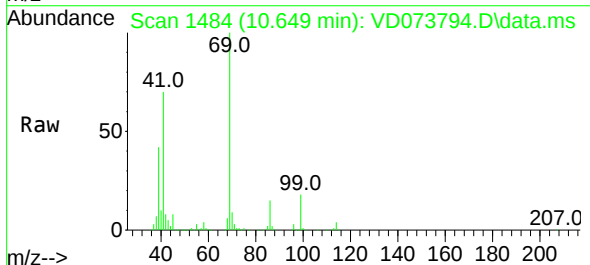
Manual Integrations
APPROVED

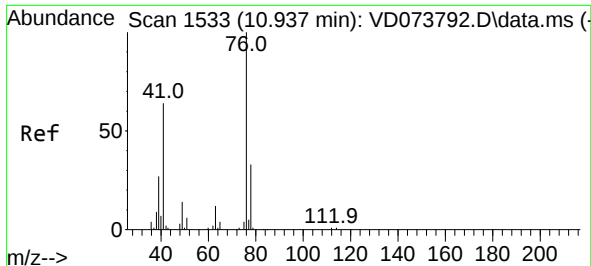
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#56
Ethyl methacrylate
Concen: 155.738 ug/l
RT: 10.649 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VD073794.D
Acq: 06 Jul 2022 16:17

Tgt Ion: 69 Resp: 240620
Ion Ratio Lower Upper
69 100
41 69.6 58.1 87.1
39 42.6 36.6 54.8





#57

1,3-Dichloropropane

Concen: 152.159 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VD073794.D

Acq: 06 Jul 2022 16:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tgt Ion: 76 Resp: 300249

Ion Ratio Lower Upper

76 100

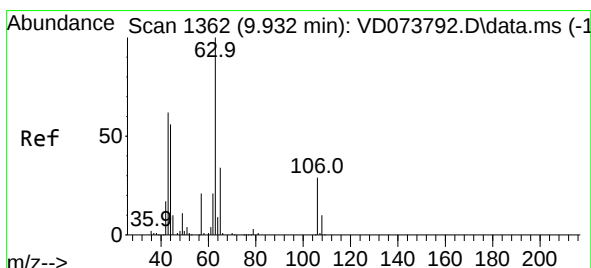
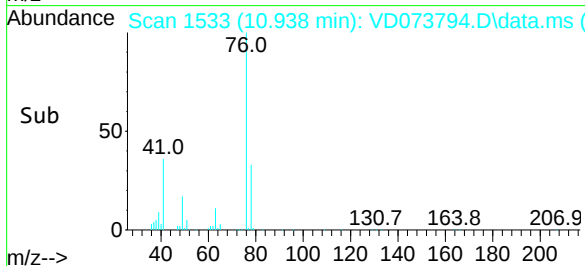
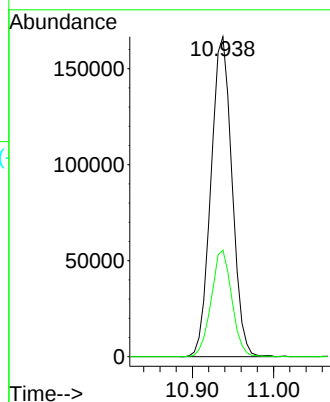
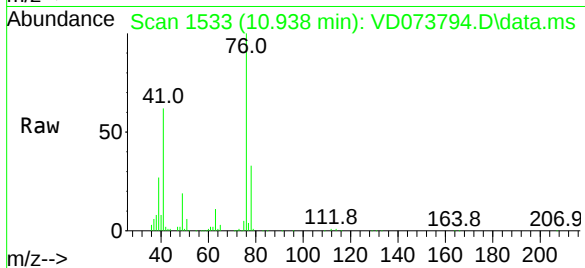
78 32.7 26.6 40.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#58

2-Chloroethyl Vinyl ether

Concen: 731.277 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VD073794.D

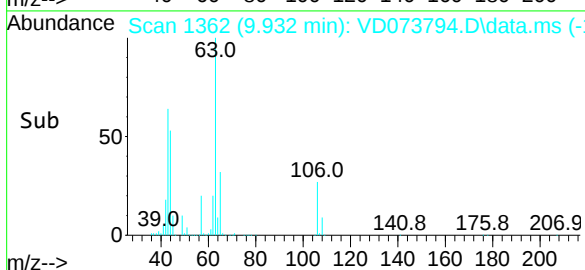
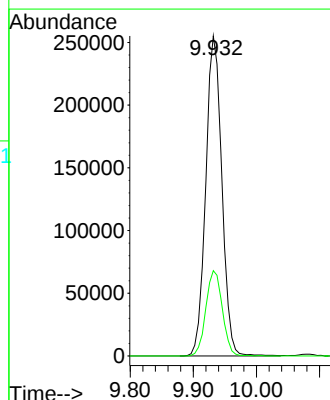
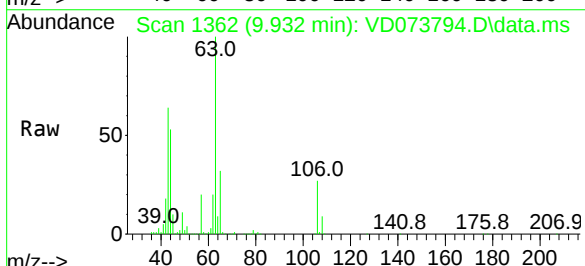
Acq: 06 Jul 2022 16:17

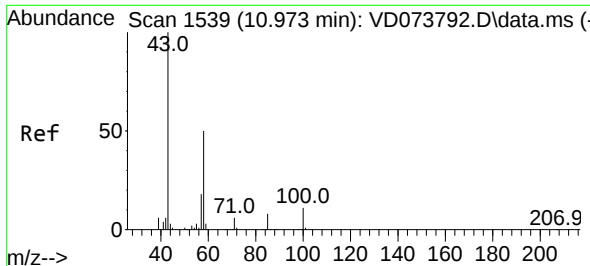
Tgt Ion: 63 Resp: 451945

Ion Ratio Lower Upper

63 100

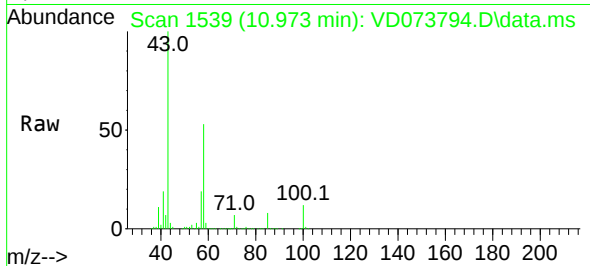
106 27.3 22.2 33.4





#59
2-Hexanone
Concen: 806.594 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD073794.D
Acq: 06 Jul 2022 16:17

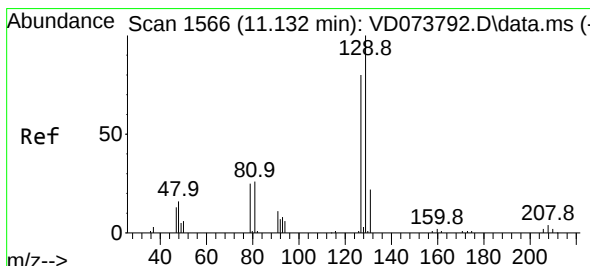
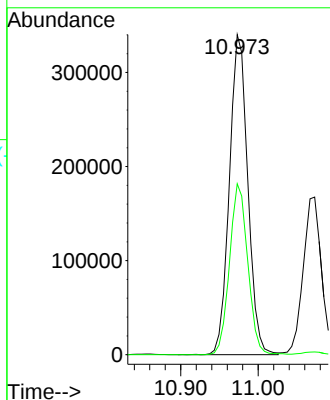
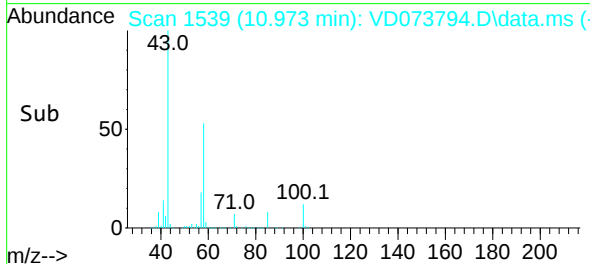
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150



Tgt Ion: 43 Resp: 562489
Ion Ratio Lower Upper
43 100
58 52.9 26.2 78.6

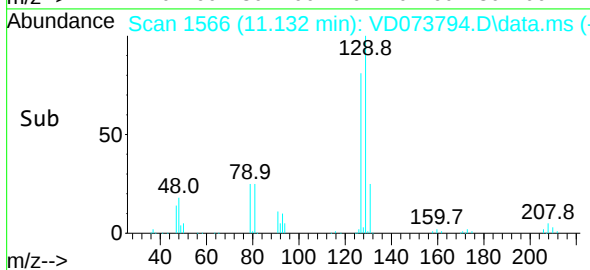
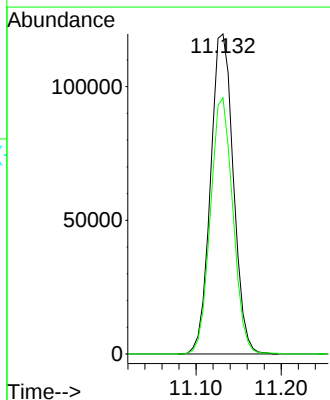
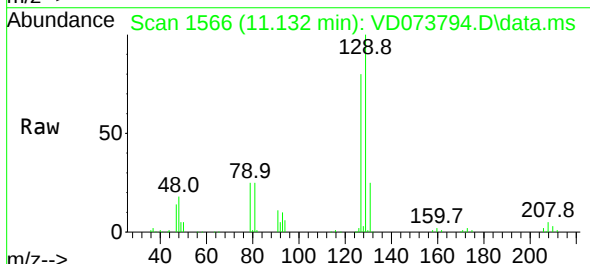
Manual Integrations
APPROVED

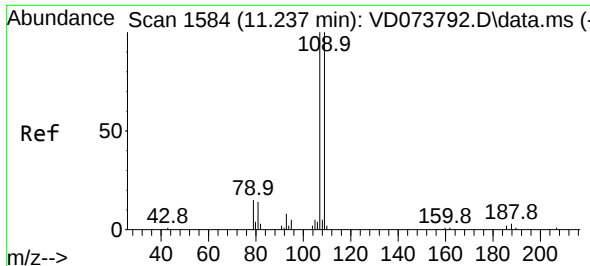
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#60
Dibromochloromethane
Concen: 156.130 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD073794.D
Acq: 06 Jul 2022 16:17

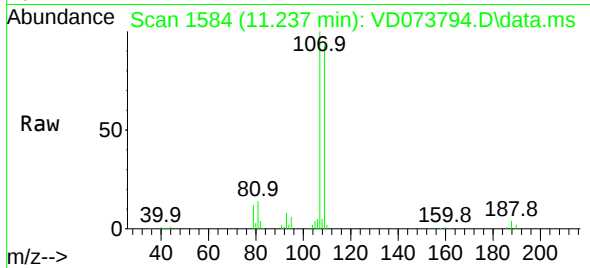
Tgt Ion:129 Resp: 222867
Ion Ratio Lower Upper
129 100
127 78.8 38.5 115.5





#61
1,2-Dibromoethane
Concen: 152.898 ug/l
RT: 11.237 min Scan# 1584
Delta R.T. 0.000 min
Lab File: VD073794.D
Acq: 06 Jul 2022 16:17

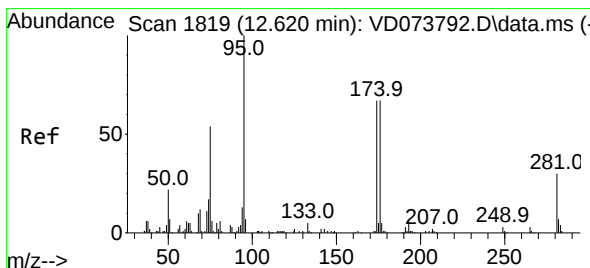
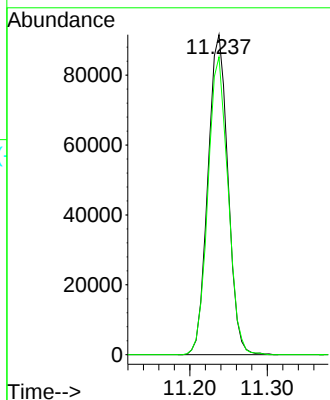
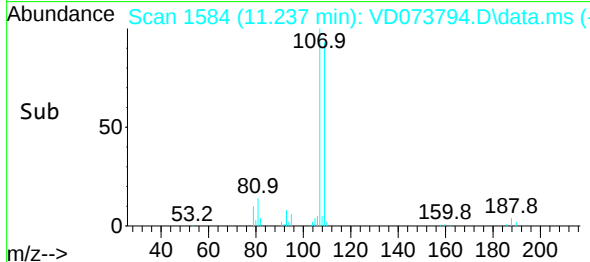
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



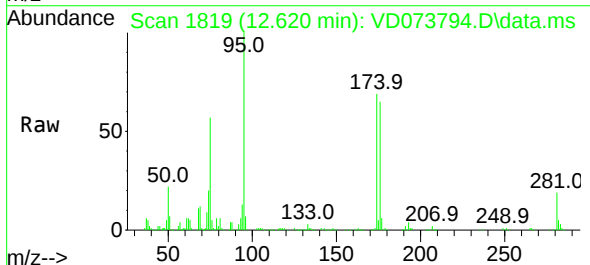
Tgt Ion:107 Resp: 164395
Ion Ratio Lower Upper
107 100
109 93.5 78.6 117.8

Manual Integrations
APPROVED

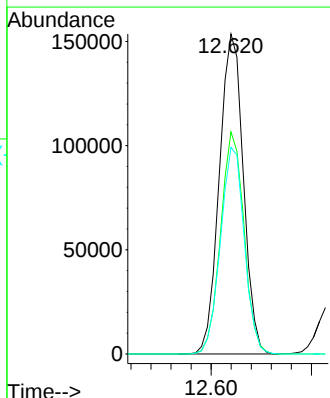
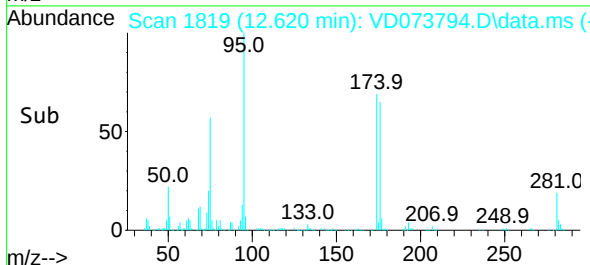
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

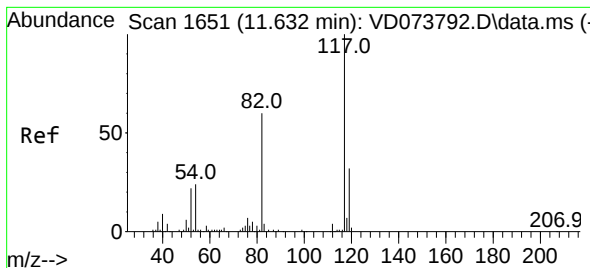


#62
4-Bromofluorobenzene
Concen: 139.257 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073794.D
Acq: 06 Jul 2022 16:17



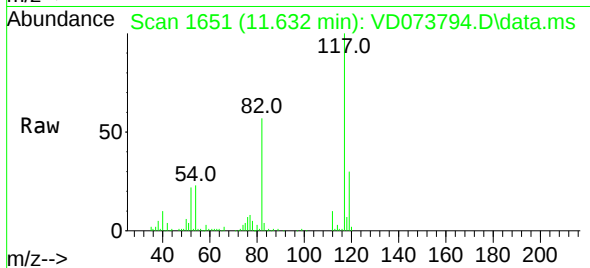
Tgt Ion: 95 Resp: 254771
Ion Ratio Lower Upper
95 100
174 67.6 0.0 132.4
176 64.2 0.0 129.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. 0.000 min
Lab File: VD073794.D
Acq: 06 Jul 2022 16:17

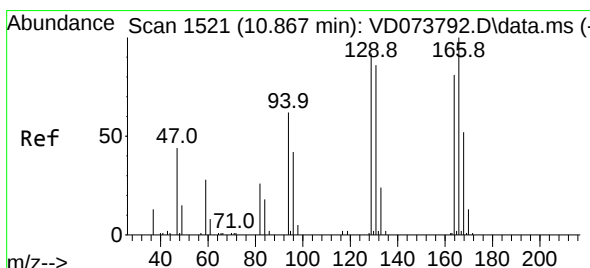
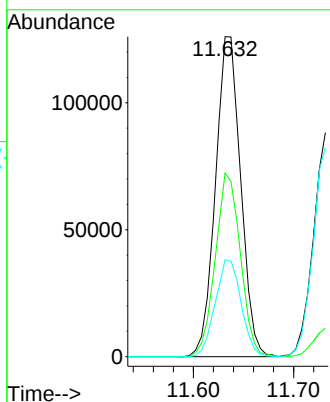
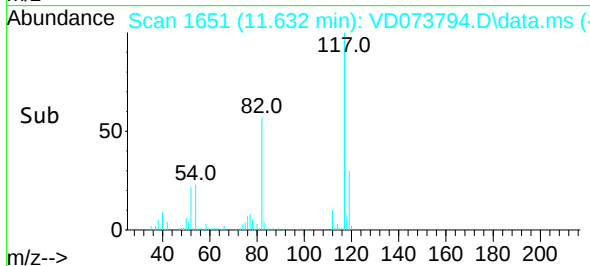
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



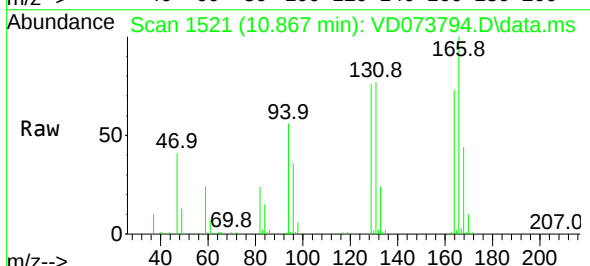
Tgt Ion:117 Resp: 219950
Ion Ratio Lower Upper
117 100
82 57.4 48.2 72.2
119 30.3 25.2 37.8

Manual Integrations
APPROVED

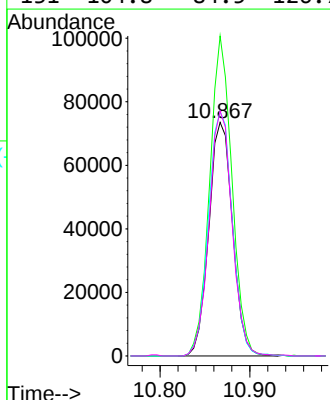
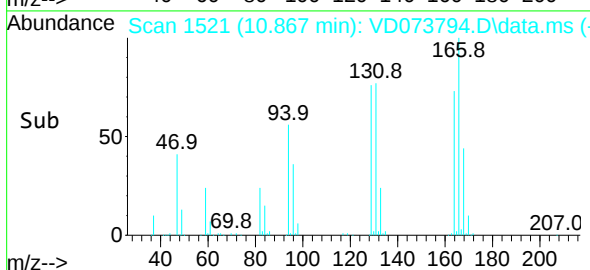
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

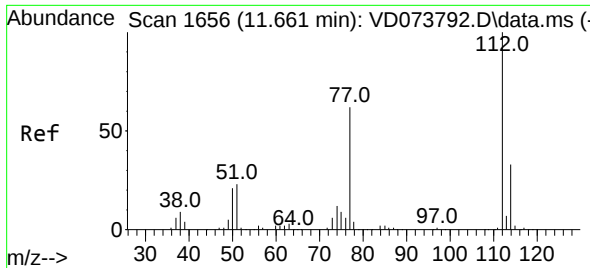


#64
Tetrachloroethene
Concen: 120.243 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD073794.D
Acq: 06 Jul 2022 16:17



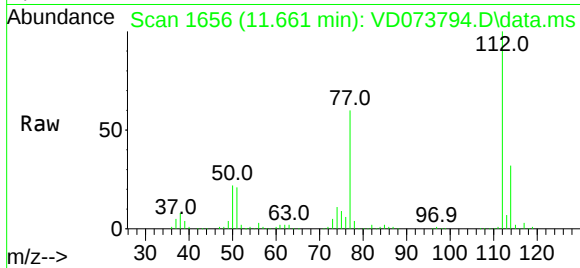
Tgt Ion:164 Resp: 134945
Ion Ratio Lower Upper
164 100
166 137.0 98.8 148.2
129 104.6 91.0 136.4
131 104.8 84.5 126.7





#65
Chlorobenzene
Concen: 138.829 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD073794.D
Acq: 06 Jul 2022 16:17

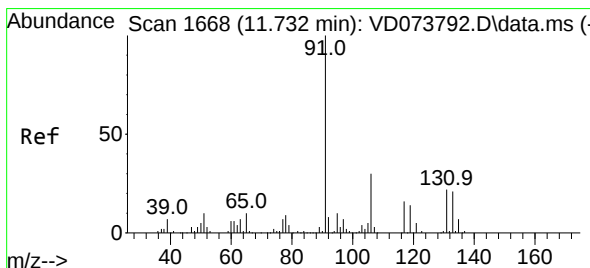
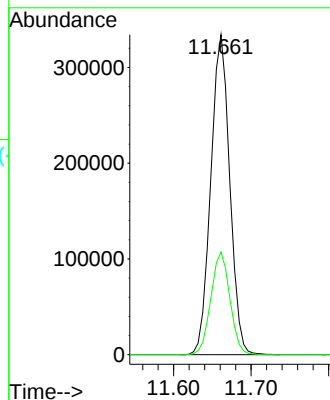
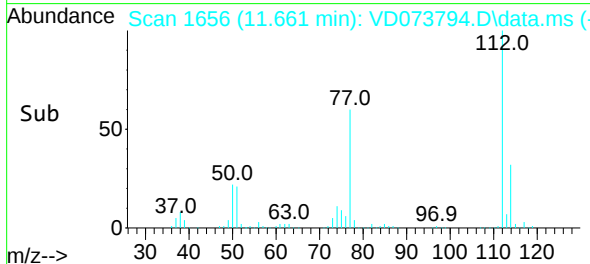
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



Tgt Ion:112 Resp: 567150
Ion Ratio Lower Upper
112 100
114 32.0 26.6 39.8

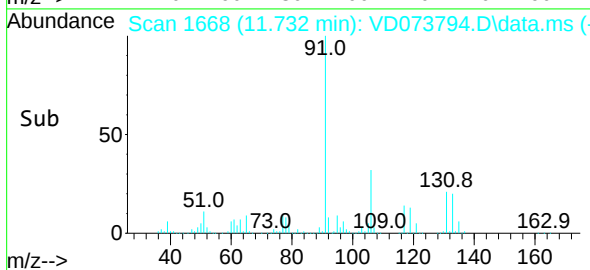
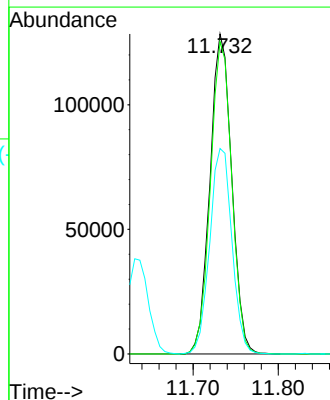
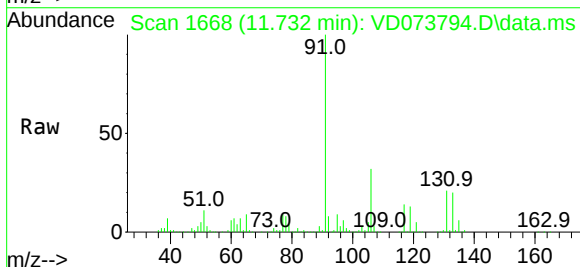
Manual Integrations
APPROVED

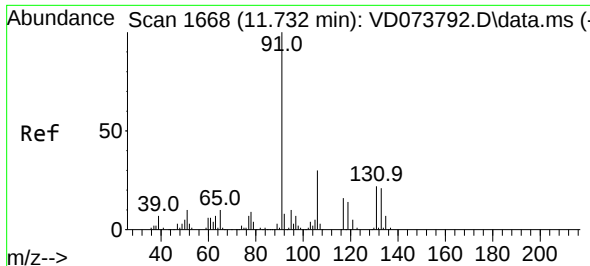
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 147.223 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VD073794.D
Acq: 06 Jul 2022 16:17

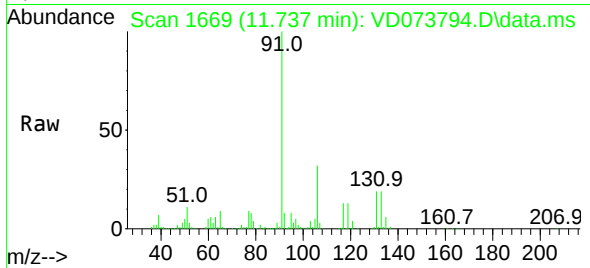
Tgt Ion:131 Resp: 227573
Ion Ratio Lower Upper
131 100
133 95.9 48.4 145.3
119 65.7 33.1 99.3





#67
Ethyl Benzene
Concen: 140.367 ug/l
RT: 11.737 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VD073794.D
Acq: 06 Jul 2022 16:17

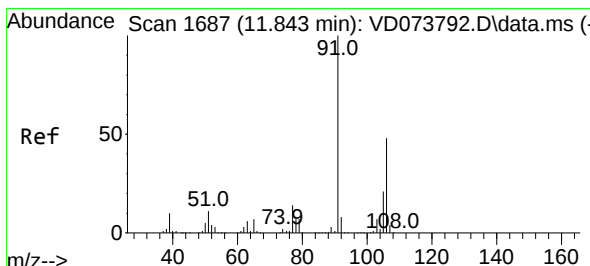
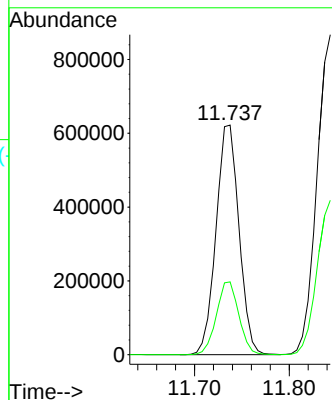
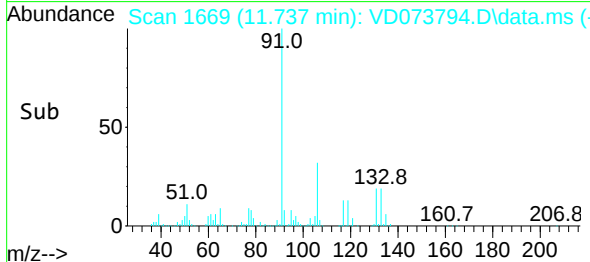
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



Tgt Ion: 91 Resp: 1048909
Ion Ratio Lower Upper
91 100
106 31.7 24.1 36.1

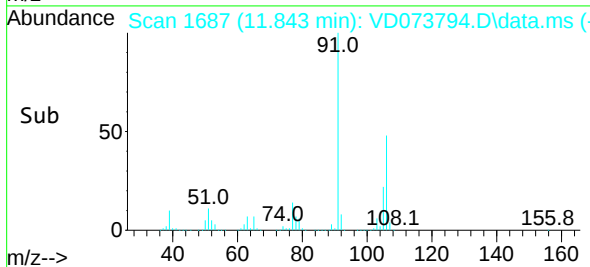
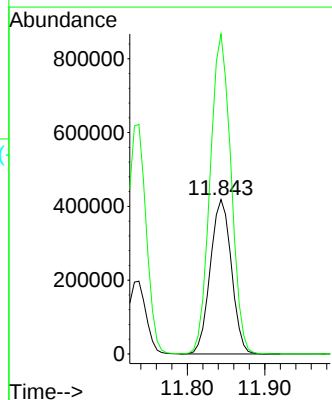
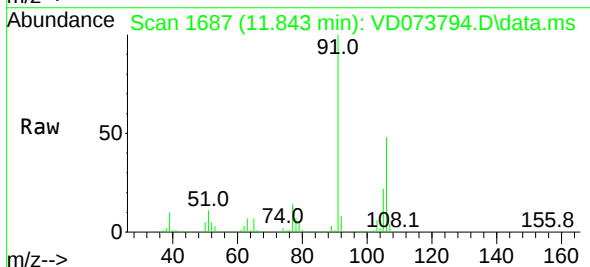
Manual Integrations
APPROVED

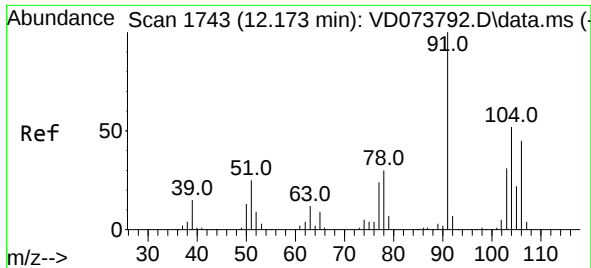
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#68
m/p-Xylenes
Concen: 277.957 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VD073794.D
Acq: 06 Jul 2022 16:17

Tgt Ion:106 Resp: 791495
Ion Ratio Lower Upper
106 100
91 205.2 165.4 248.2





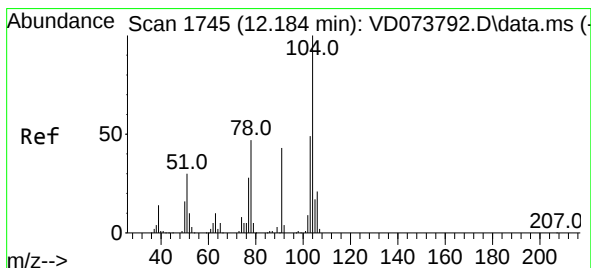
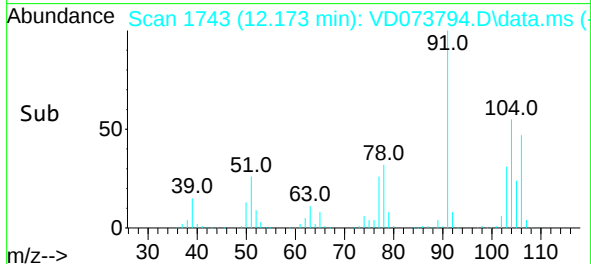
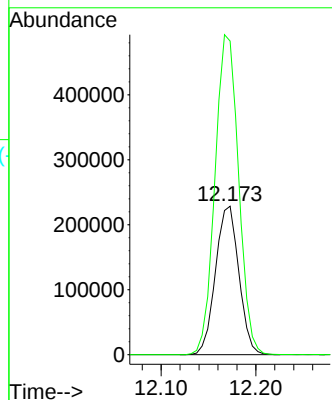
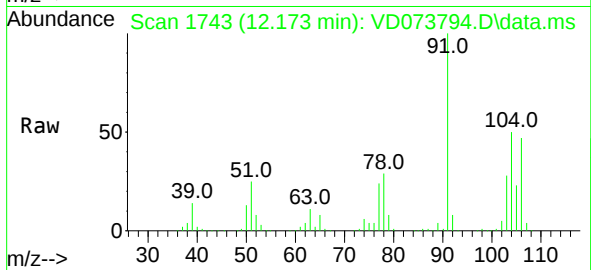
#69
o-Xylene
Concen: 140.860 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD073794.D
Acq: 06 Jul 2022 16:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion:106 Resp: 391702
Ion Ratio Lower Upper
106 100
91 217.8 112.3 336.8

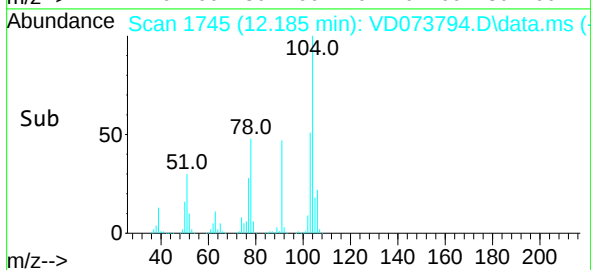
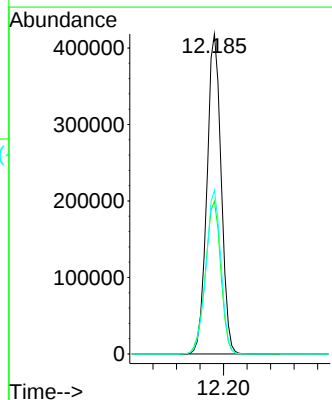
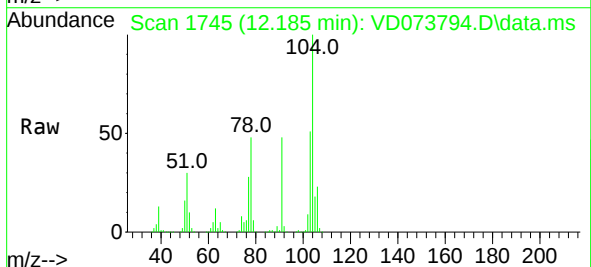
Manual Integrations
APPROVED

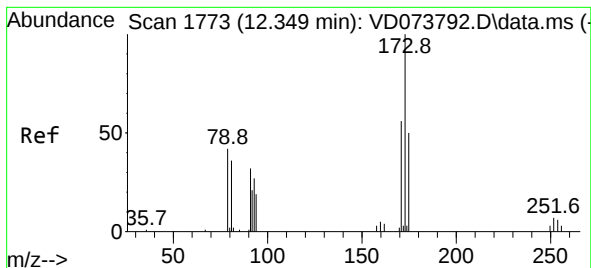
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#70
Styrene
Concen: 146.270 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD073794.D
Acq: 06 Jul 2022 16:17

Tgt Ion:104 Resp: 700625
Ion Ratio Lower Upper
104 100
78 51.8 42.2 63.2
103 54.0 43.9 65.9





#71

Bromoform

Concen: 154.160 ug/l

RT: 12.349 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VD073794.D

Acq: 06 Jul 2022 16:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tgt Ion:173 Resp: 12568

Ion Ratio Lower Upper

173 100

175 47.8 23.8 71.5

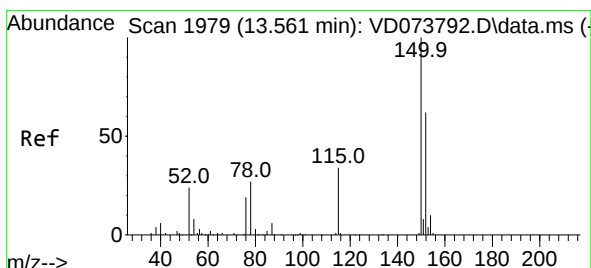
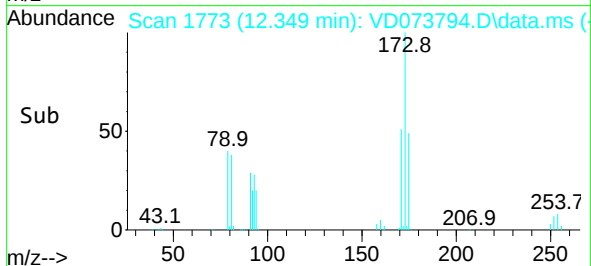
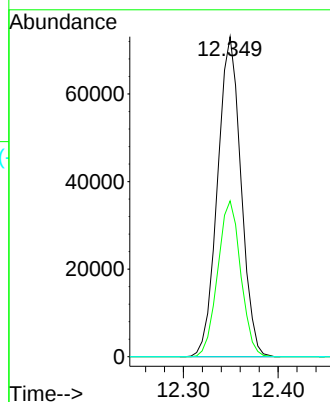
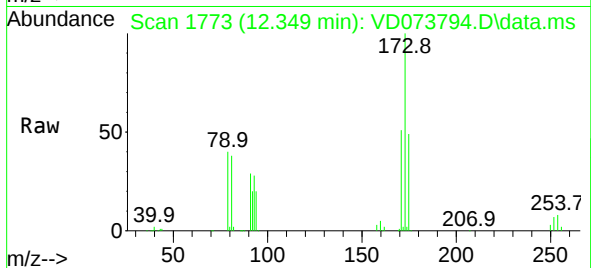
254 0.0 0.0 0.0

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: VD073794.D

Acq: 06 Jul 2022 16:17

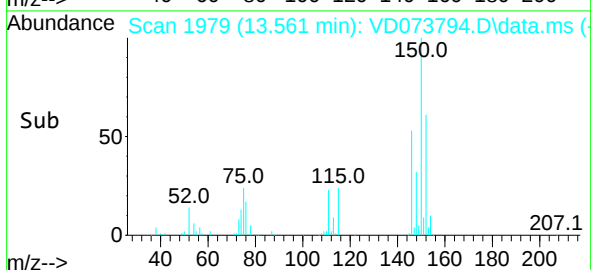
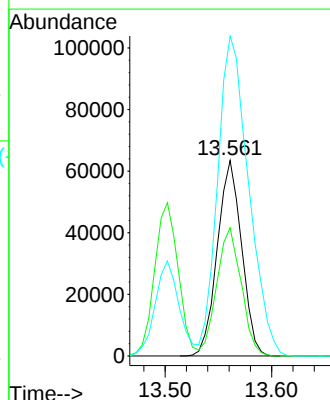
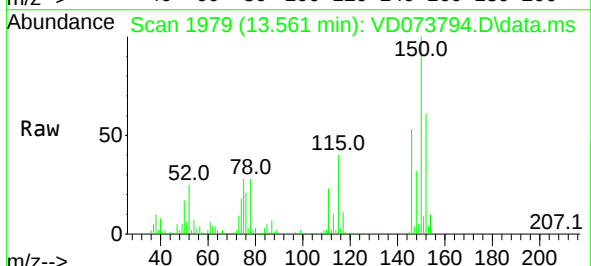
Tgt Ion:152 Resp: 100658

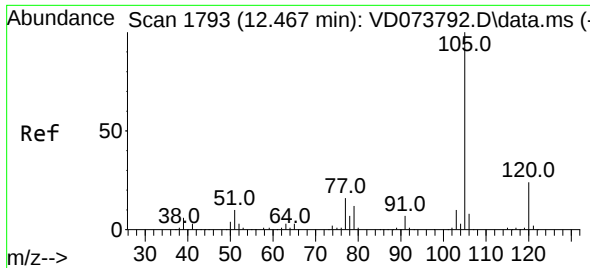
Ion Ratio Lower Upper

152 100

115 65.8 32.2 96.6

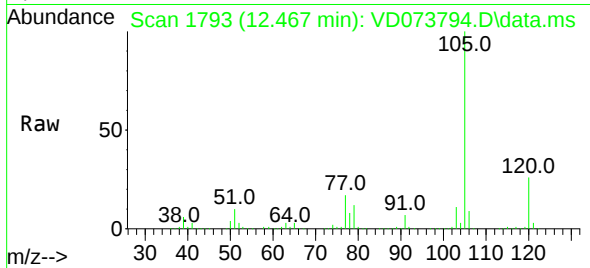
150 207.7 0.0 353.0





#73
Isopropylbenzene
Concen: 141.183 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD073794.D
Acq: 06 Jul 2022 16:17

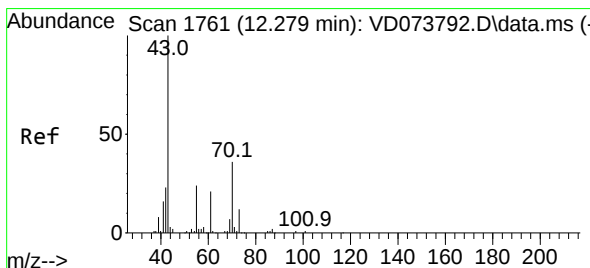
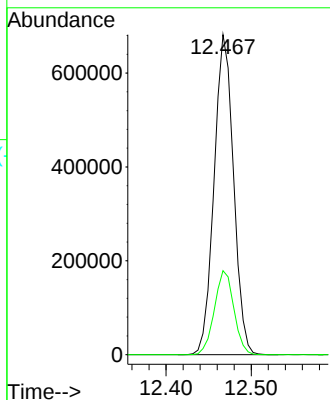
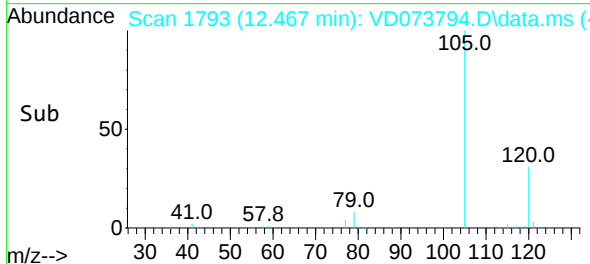
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150



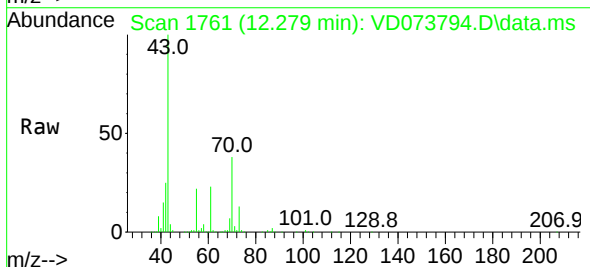
Tgt Ion:105 Resp: 108068
Ion Ratio Lower Upper
105 100
120 26.2 12.9 38.7

Manual Integrations
APPROVED

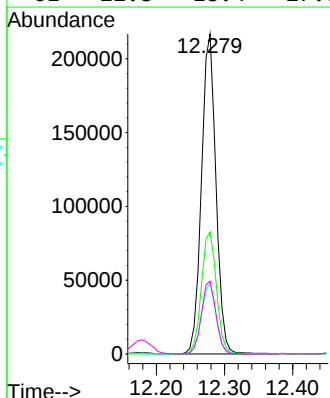
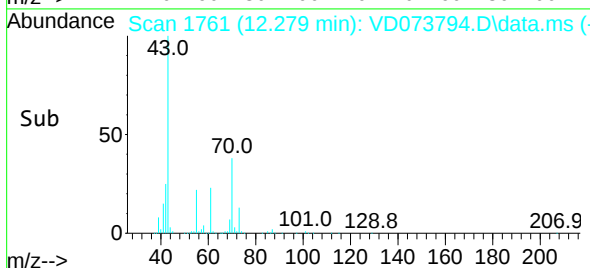
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

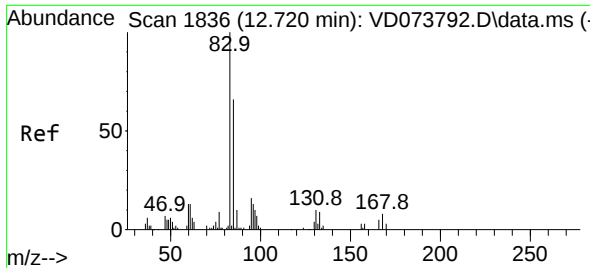


#74
N-ethyl acetate
Concen: 152.557 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD073794.D
Acq: 06 Jul 2022 16:17



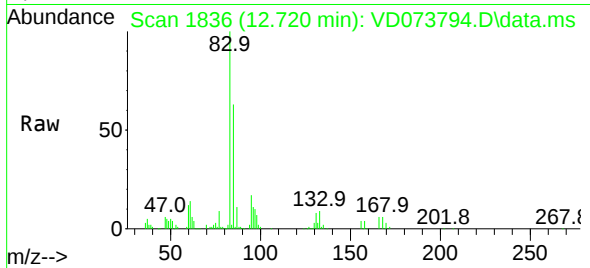
Tgt Ion: 43 Resp: 320601
Ion Ratio Lower Upper
43 100
70 39.7 31.5 47.3
55 22.3 18.5 27.7
61 22.8 18.4 27.6





#75
1,1,2,2-Tetrachloroethane
Concen: 145.951 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD073794.D
Acq: 06 Jul 2022 16:17

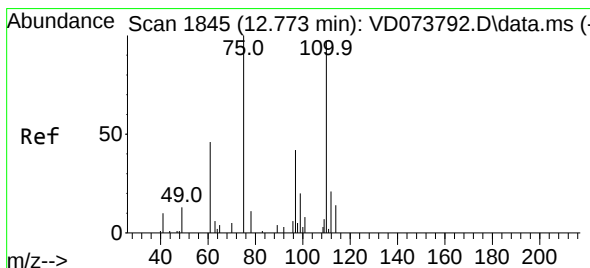
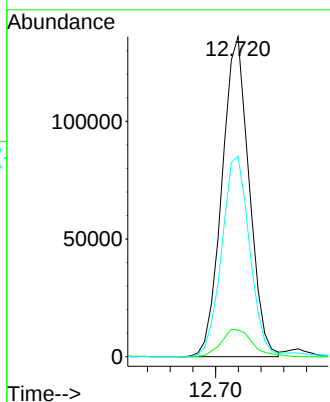
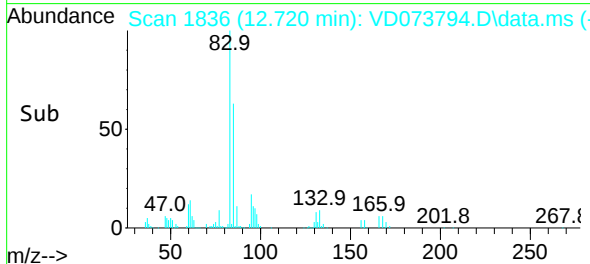
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



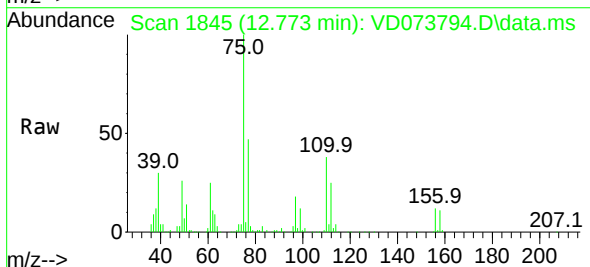
Tgt Ion: 83 Resp: 225408
Ion Ratio Lower Upper
83 100
131 9.8 5.2 15.6
85 65.6 32.0 96.0

Manual Integrations
APPROVED

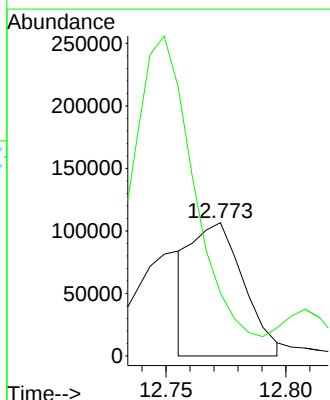
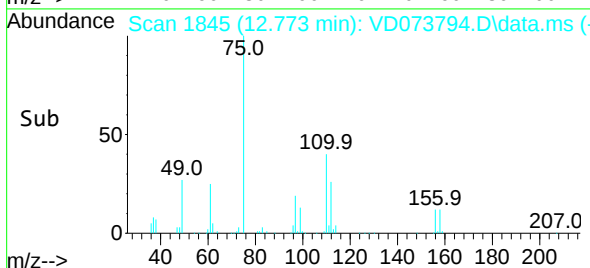
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

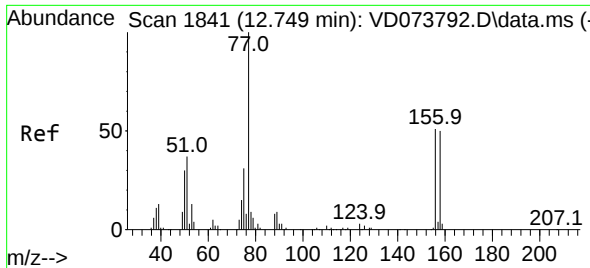


#76
1,2,3-Trichloropropane
Concen: 169.400 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VD073794.D
Acq: 06 Jul 2022 16:17



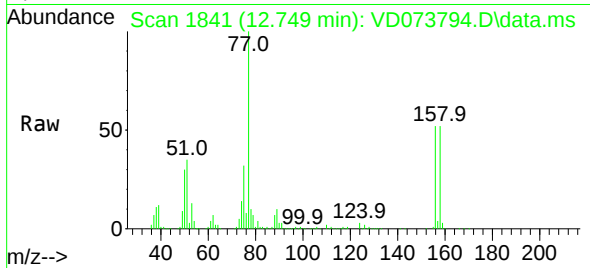
Tgt Ion: 75 Resp: 162059
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 145.454 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD073794.D
Acq: 06 Jul 2022 16:17

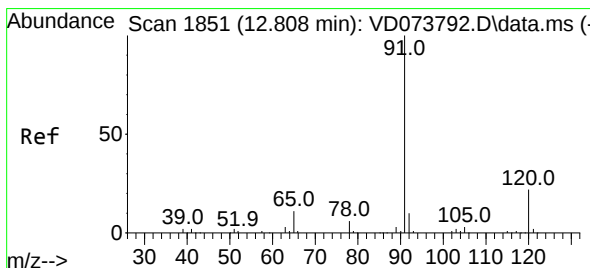
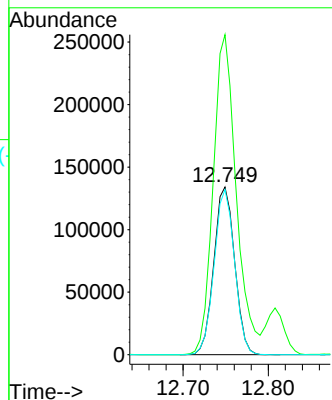
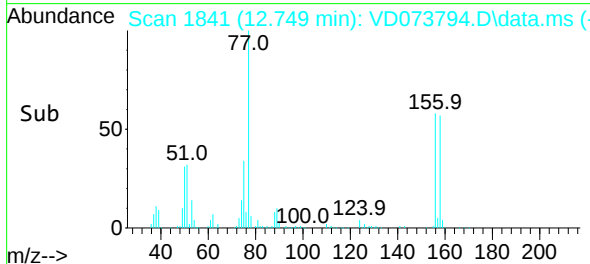
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



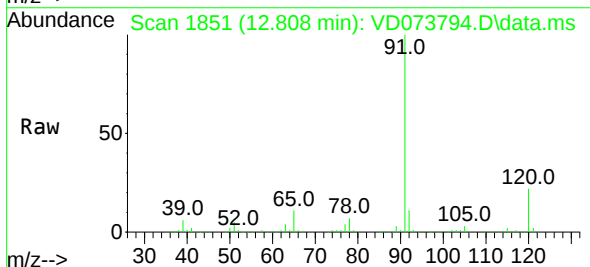
Tgt Ion:156 Resp: 227879
Ion Ratio Lower Upper
156 100
77 211.5 110.8 332.4
158 97.0 49.1 147.3

Manual Integrations
APPROVED

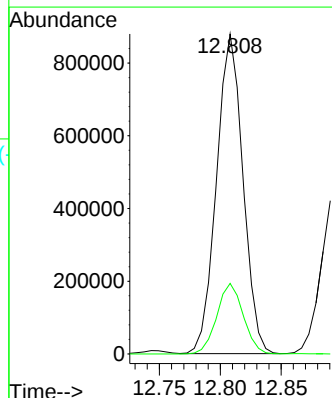
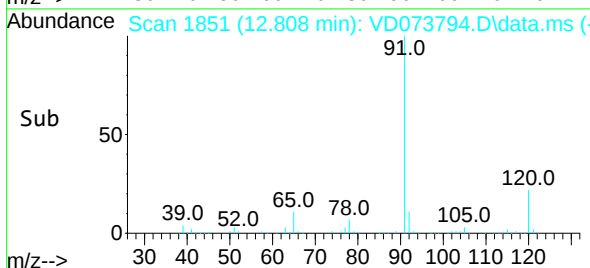
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

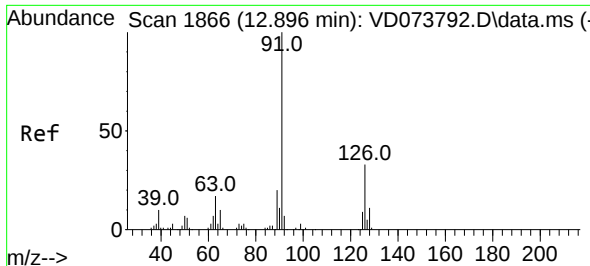


#78
n-propylbenzene
Concen: 138.969 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073794.D
Acq: 06 Jul 2022 16:17



Tgt Ion: 91 Resp: 1329179
Ion Ratio Lower Upper
91 100
120 22.0 10.9 32.7





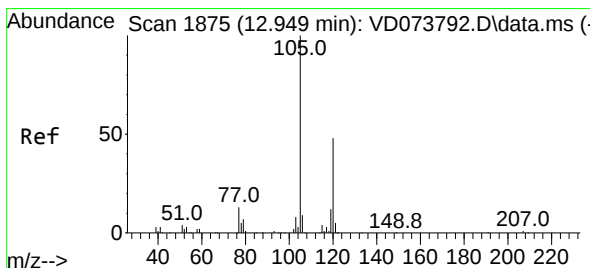
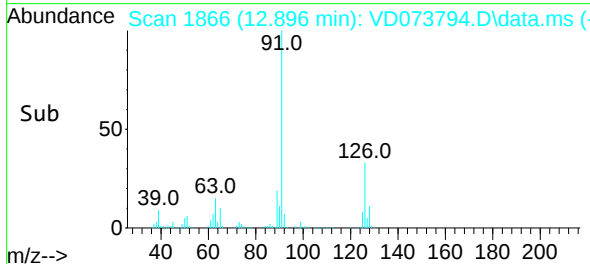
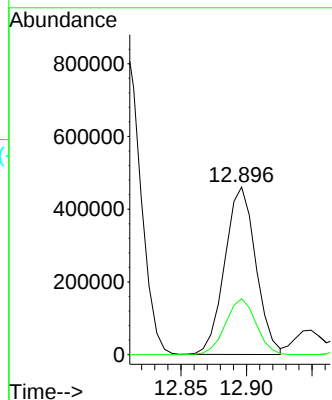
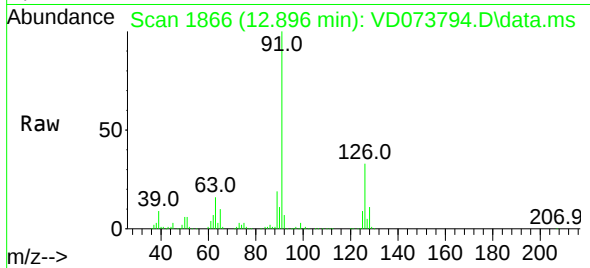
#79
2-Chlorotoluene
Concen: 141.287 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD073794.D
Acq: 06 Jul 2022 16:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 75829
Ion Ratio Lower Upper
91 100
126 33.0 16.1 48.2

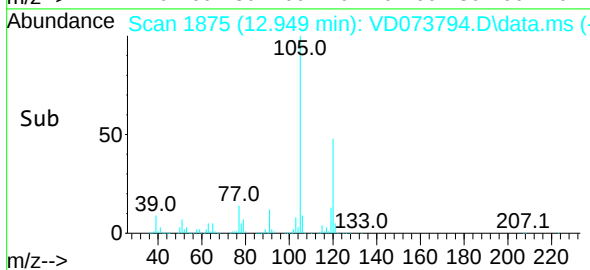
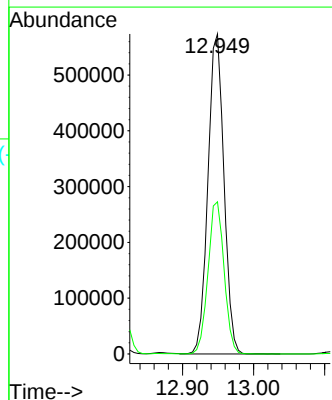
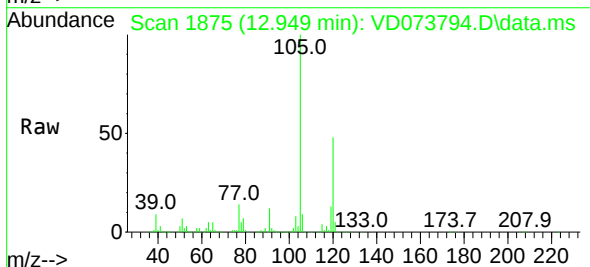
Manual Integrations
APPROVED

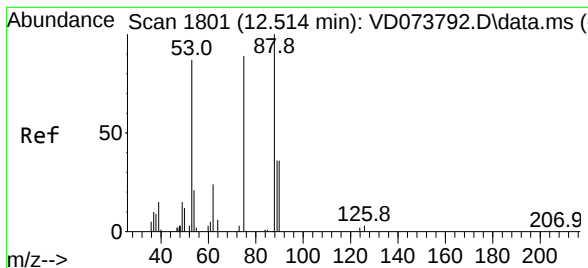
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#80
1,3,5-Trimethylbenzene
Concen: 140.720 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD073794.D
Acq: 06 Jul 2022 16:17

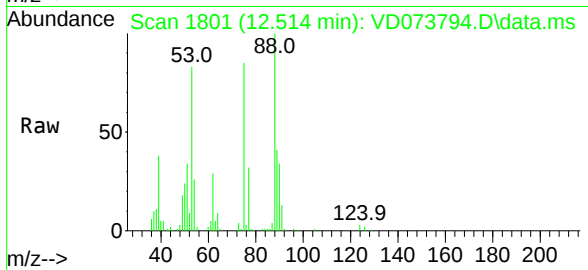
Tgt Ion:105 Resp: 897839
Ion Ratio Lower Upper
105 100
120 47.8 23.8 71.4





#81
trans-1,4-Dichloro-2-butene
Concen: 144.090 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD073794.D
Acq: 06 Jul 2022 16:17

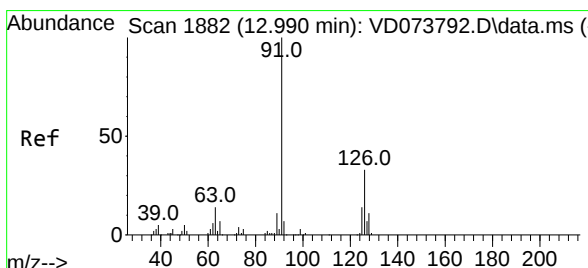
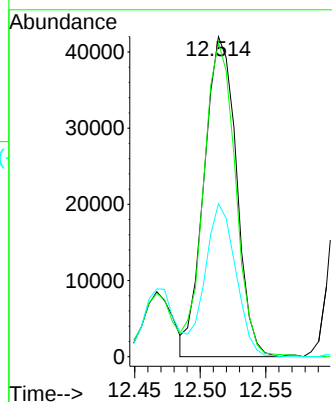
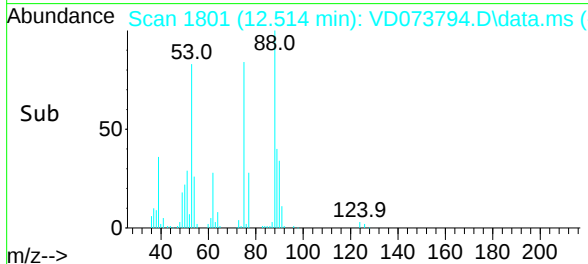
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



Tgt Ion: 75 Resp: 71775
Ion Ratio Lower Upper
75 100
53 97.0 77.6 116.4
89 45.1 37.2 55.8

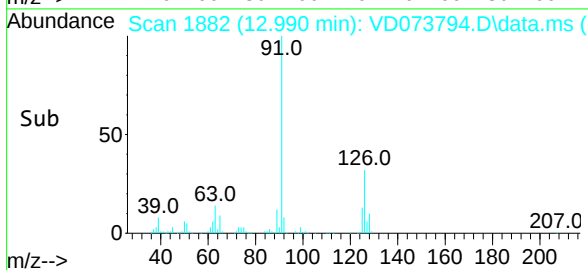
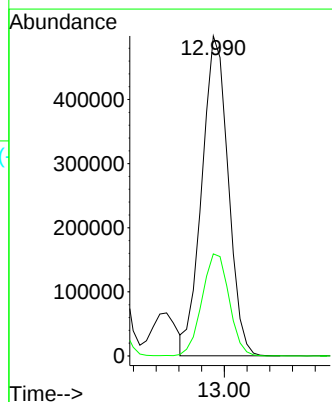
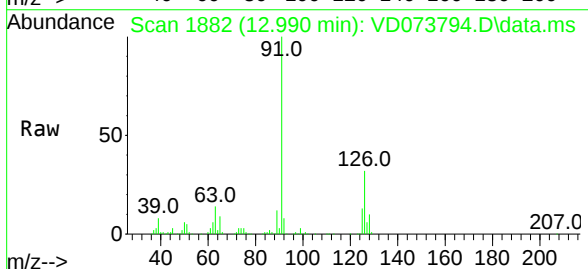
Manual Integrations
APPROVED

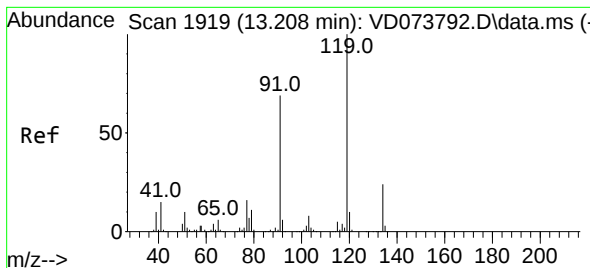
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#82
4-Chlorotoluene
Concen: 143.341 ug/l
RT: 12.990 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VD073794.D
Acq: 06 Jul 2022 16:17

Tgt Ion: 91 Resp: 801111
Ion Ratio Lower Upper
91 100
126 33.0 16.1 48.2





#83

tert-Butylbenzene

Concen: 142.893 ug/l

RT: 13.208 min Scan# 1919

Delta R.T. 0.000 min

Lab File: VD073794.D

Acq: 06 Jul 2022 16:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tgt Ion:119 Resp: 80961

Ion Ratio Lower Upper

119 100

91 67.3 33.7 101.1

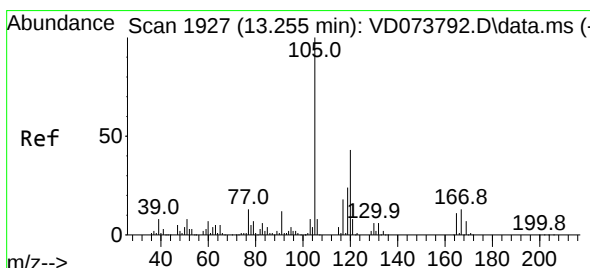
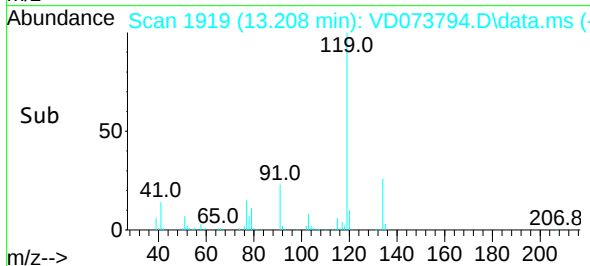
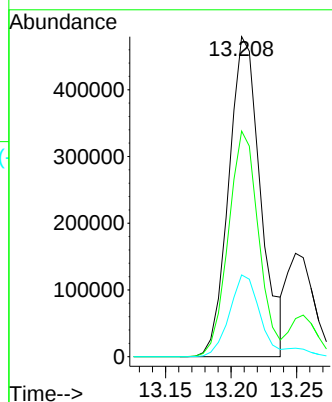
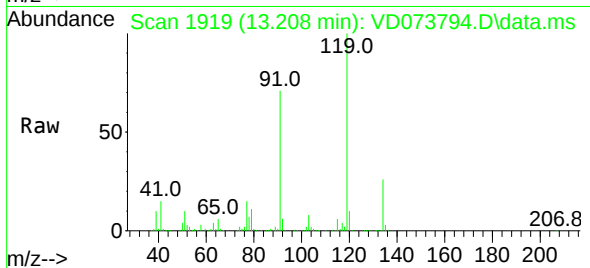
134 26.2 12.4 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#84

1,2,4-Trimethylbenzene

Concen: 142.255 ug/l

RT: 13.255 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VD073794.D

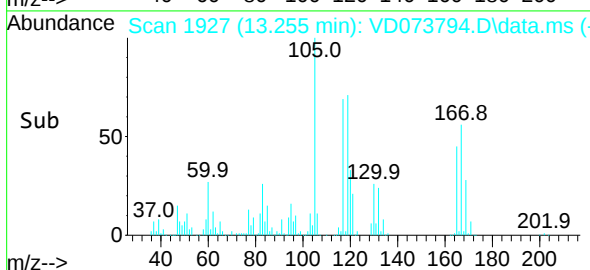
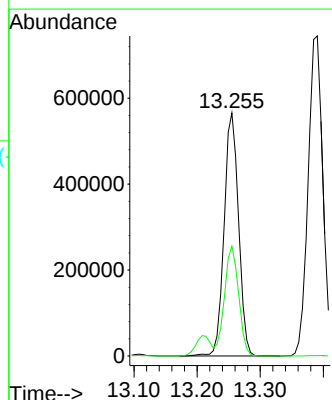
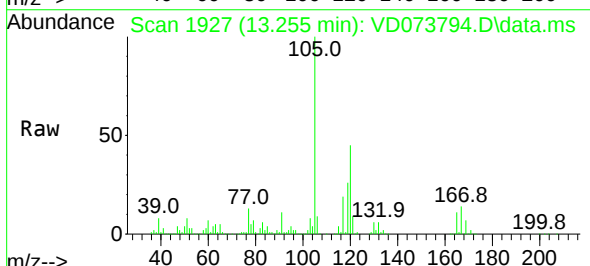
Acq: 06 Jul 2022 16:17

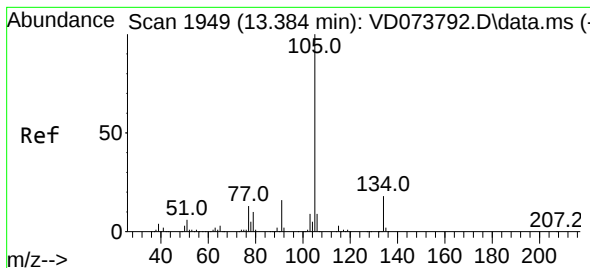
Tgt Ion:105 Resp: 895444

Ion Ratio Lower Upper

105 100

120 44.5 22.1 66.5





#85

sec-Butylbenzene

Concen: 138.232 ug/l

RT: 13.390 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VD073794.D

Acq: 06 Jul 2022 16:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tgt Ion:105 Resp: 120211

Ion Ratio Lower Upper

105 100

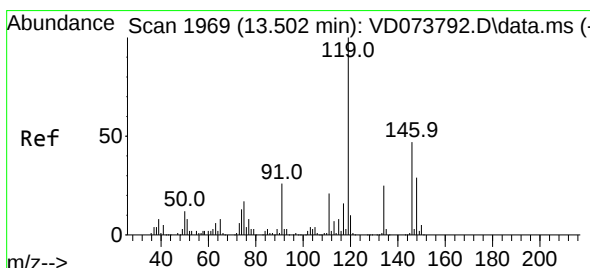
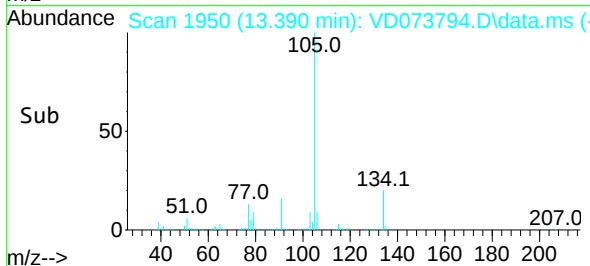
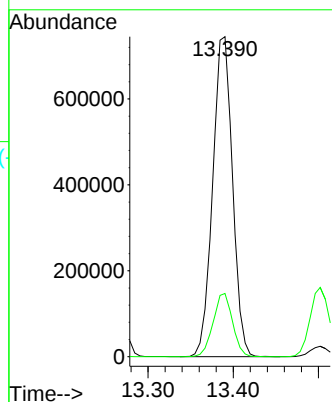
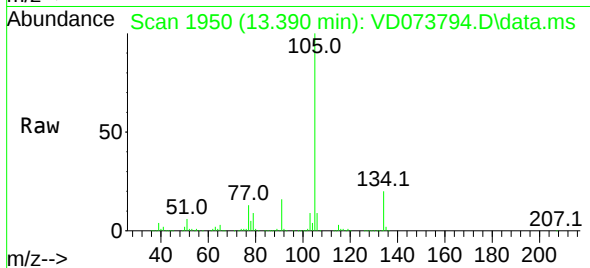
134 19.4 9.4 28.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#86

p-Isopropyltoluene

Concen: 138.623 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD073794.D

Acq: 06 Jul 2022 16:17

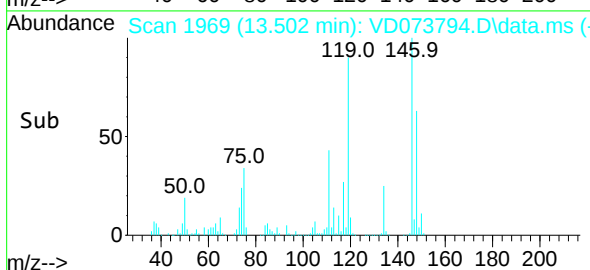
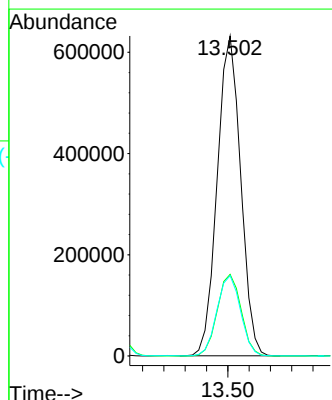
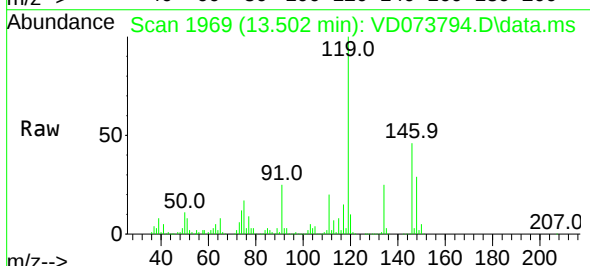
Tgt Ion:119 Resp: 966127

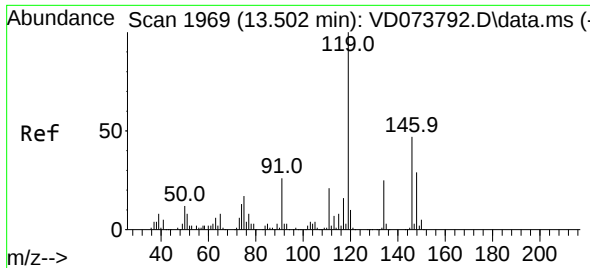
Ion Ratio Lower Upper

119 100

134 25.9 12.7 38.1

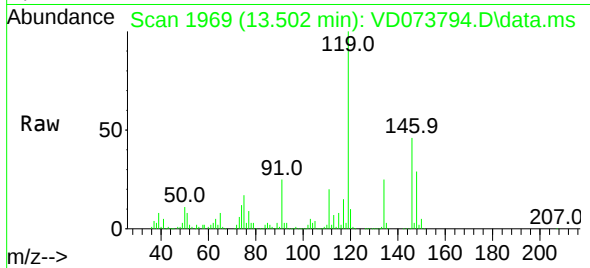
91 25.2 13.2 39.6





#87
 1,3-Dichlorobenzene
 Concen: 143.462 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073794.D
 Acq: 06 Jul 2022 16:17

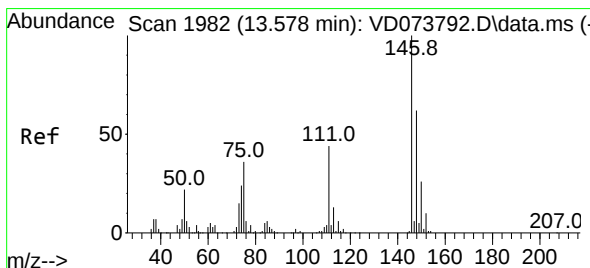
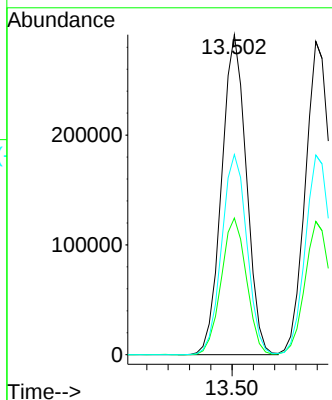
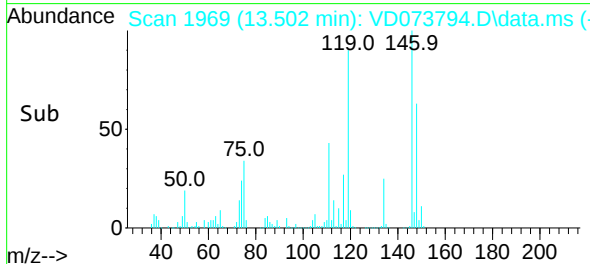
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150



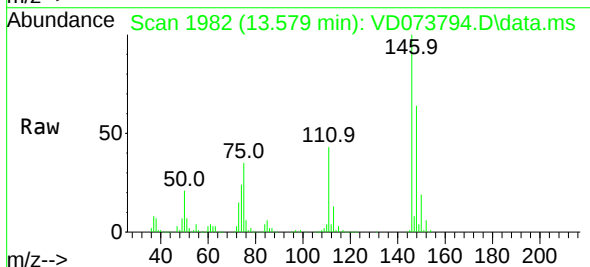
Tgt Ion:146 Resp: 470762
 Ion Ratio Lower Upper
 146 100
 111 43.4 21.6 65.0
 148 63.8 31.5 94.5

Manual Integrations
 APPROVED

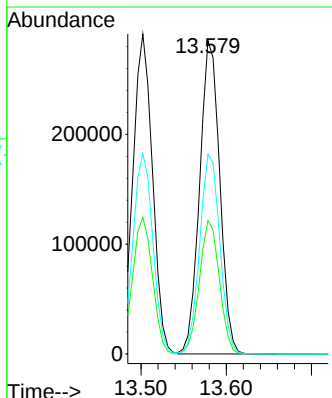
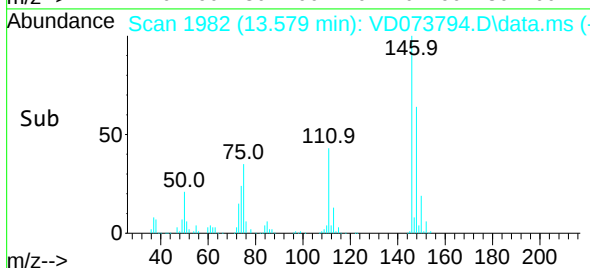
Reviewed By :John Carlone 07/07/2022
 Supervised By :Mahesh Dadoda 07/07/2022

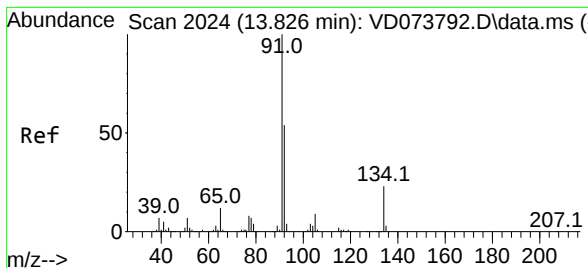


#88
 1,4-Dichlorobenzene
 Concen: 142.930 ug/l
 RT: 13.579 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VD073794.D
 Acq: 06 Jul 2022 16:17



Tgt Ion:146 Resp: 467482
 Ion Ratio Lower Upper
 146 100
 111 42.2 21.6 64.6
 148 64.0 31.4 94.0





#89

n-Butylbenzene

Concen: 135.667 ug/l

RT: 13.826 min Scan# 2024

Delta R.T. 0.000 min

Lab File: VD073794.D

Acq: 06 Jul 2022 16:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

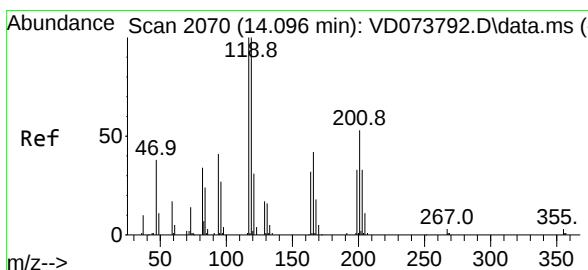
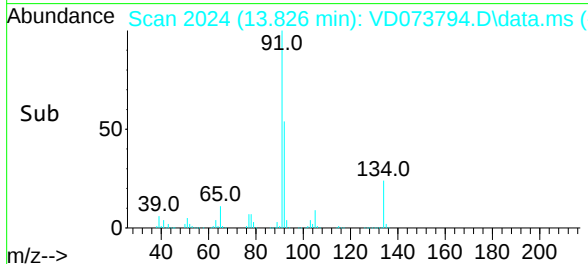
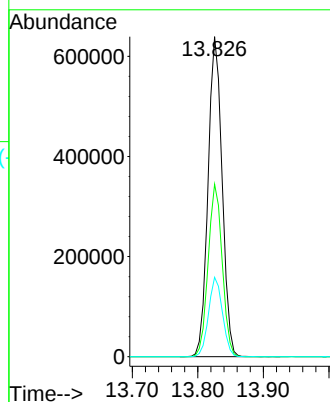
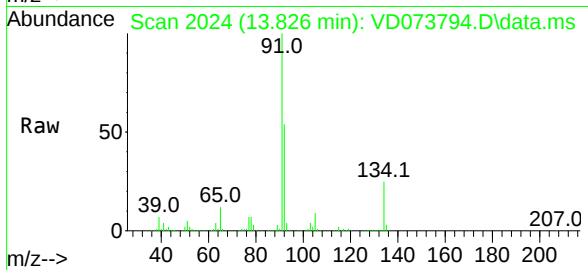
Tgt Ion:	91	Resp:	95401
Ion Ratio	Lower	Upper	
91	100		
92	53.7	26.9	80.6
134	24.5	11.9	35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#90

Hexachloroethane

Concen: 137.764 ug/l

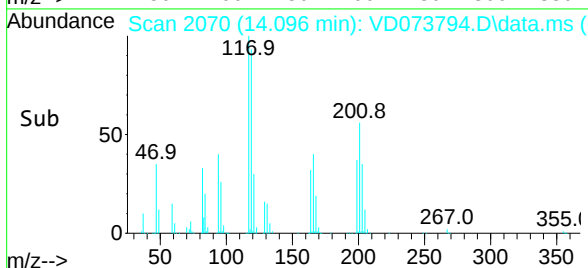
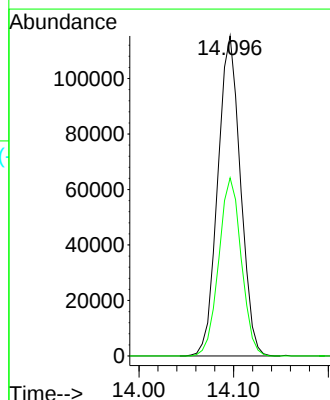
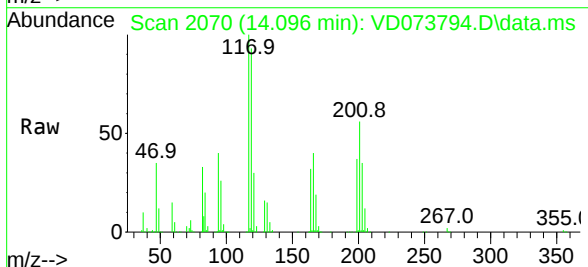
RT: 14.096 min Scan# 2070

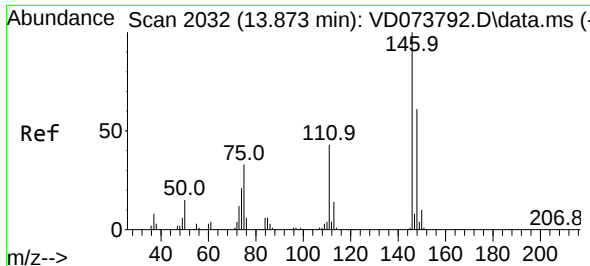
Delta R.T. 0.000 min

Lab File: VD073794.D

Acq: 06 Jul 2022 16:17

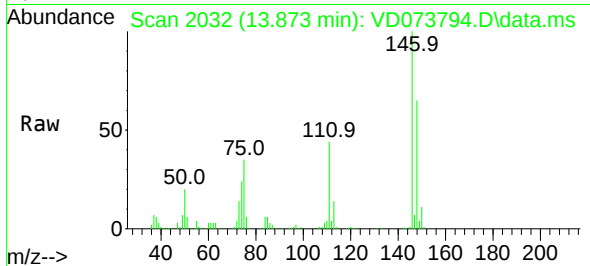
Tgt Ion:	117	Resp:	191961
Ion Ratio	Lower	Upper	
117	100		
201	55.2	26.6	79.8





#91
1,2-Dichlorobenzene
Concen: 143.251 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD073794.D
Acq: 06 Jul 2022 16:17

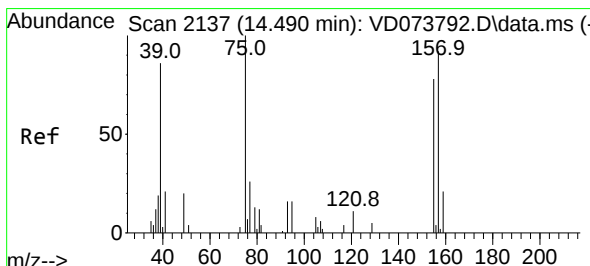
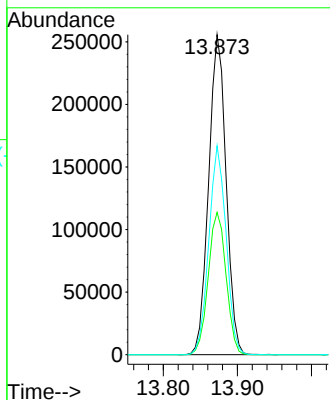
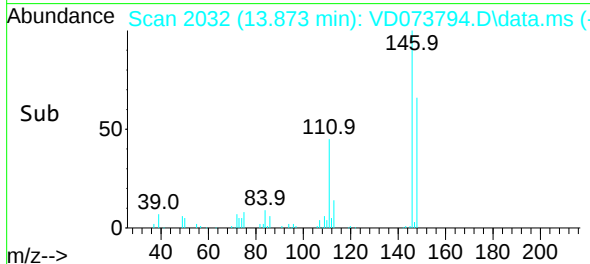
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



Tgt Ion:146 Resp: 418034
Ion Ratio Lower Upper
146 100
111 45.5 22.3 66.9
148 64.7 31.4 94.2

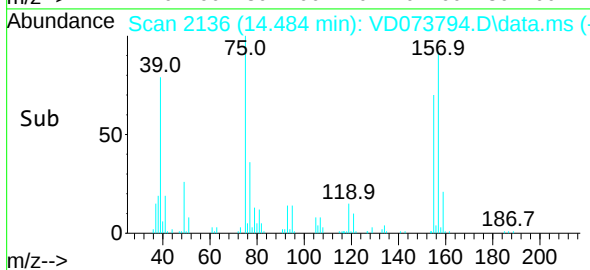
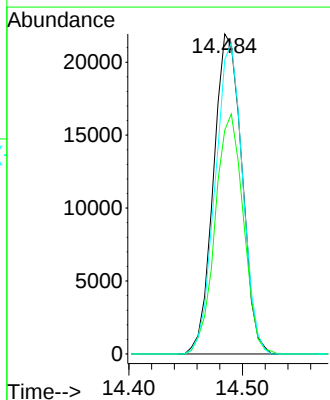
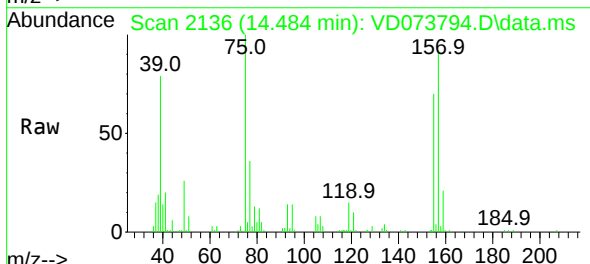
Manual Integrations
APPROVED

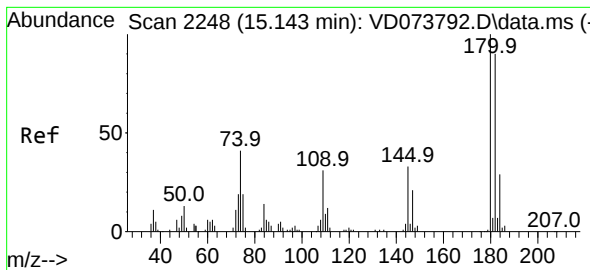
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 147.179 ug/l
RT: 14.484 min Scan# 2136
Delta R.T. -0.006 min
Lab File: VD073794.D
Acq: 06 Jul 2022 16:17

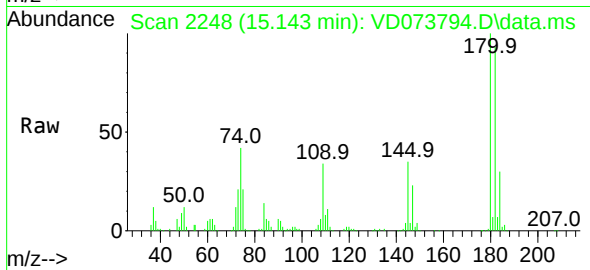
Tgt Ion: 75 Resp: 38021
Ion Ratio Lower Upper
75 100
155 74.6 36.4 109.3
157 94.2 43.5 130.4





#93
1,2,4-Trichlorobenzene
Concen: 133.036 ug/l
RT: 15.143 min Scan# 2248
Delta R.T. 0.000 min
Lab File: VD073794.D
Acq: 06 Jul 2022 16:17

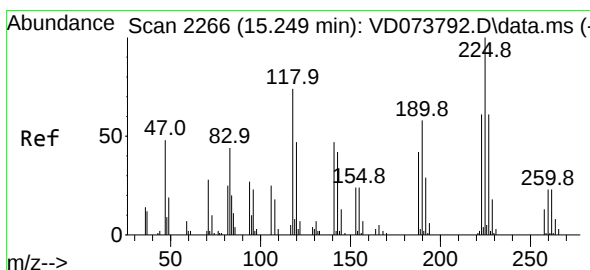
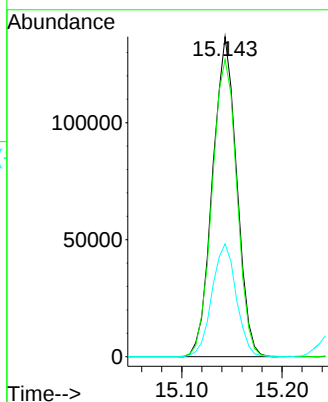
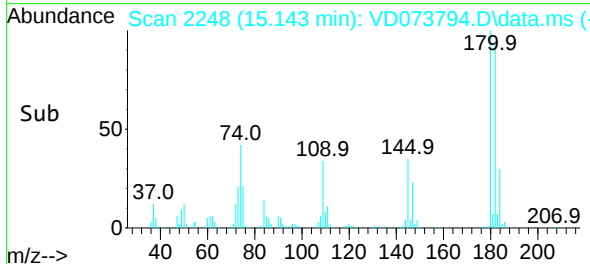
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



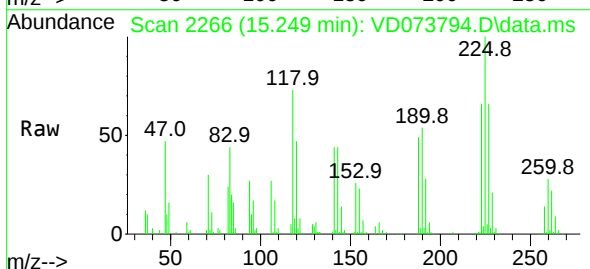
Tgt Ion:180 Resp: 22846
Ion Ratio Lower Upper
180 100
182 95.4 46.9 140.6
145 35.4 17.5 52.5

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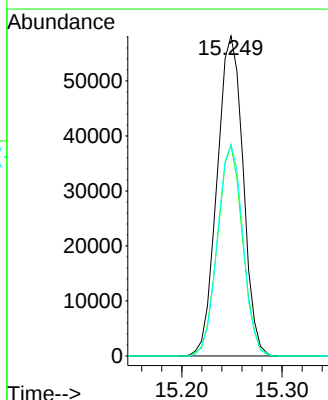
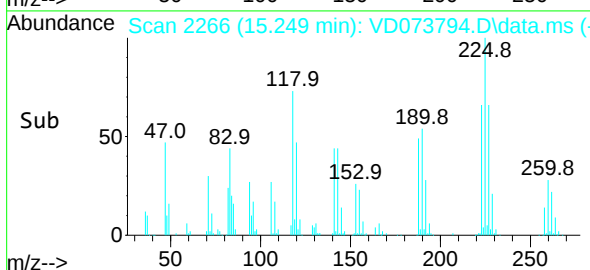
Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

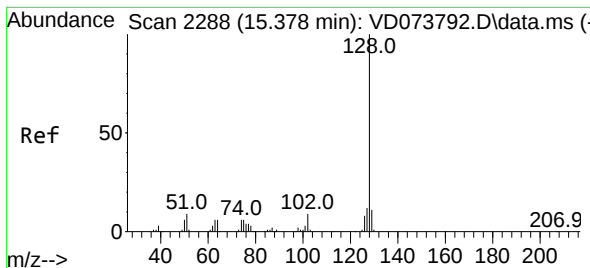


#94
Hexachlorobutadiene
Concen: 123.516 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. 0.000 min
Lab File: VD073794.D
Acq: 06 Jul 2022 16:17



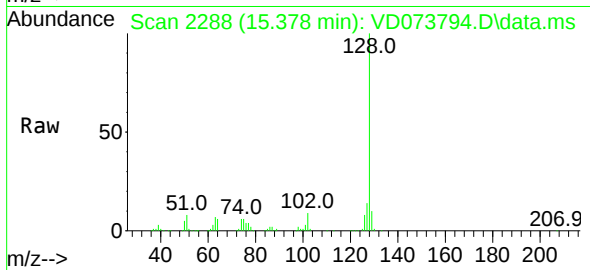
Tgt Ion:225 Resp: 104736
Ion Ratio Lower Upper
225 100
223 63.6 31.5 94.5
227 64.4 31.6 94.7





#95
Naphthalene
Concen: 142.934 ug/l
RT: 15.378 min Scan# 2288
Delta R.T. 0.000 min
Lab File: VD073794.D
Acq: 06 Jul 2022 16:17

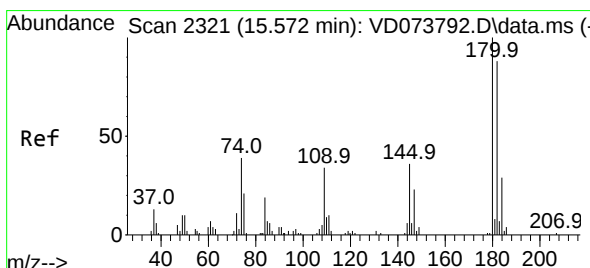
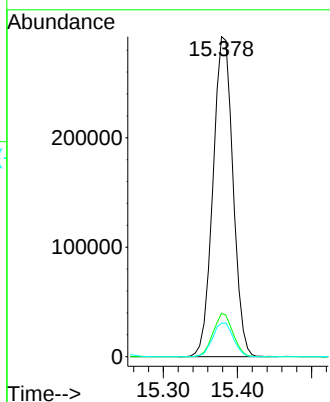
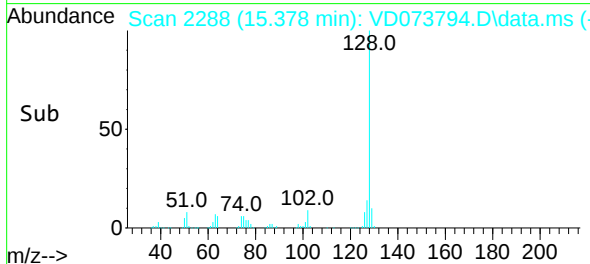
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



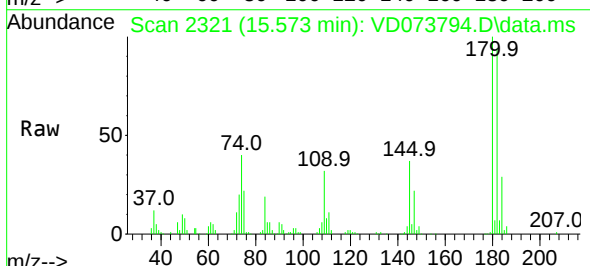
Tgt Ion:128 Resp: 54825
Ion Ratio Lower Upper
128 100
127 13.4 10.4 15.6
129 10.9 8.8 13.2

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



#96
1,2,3-Trichlorobenzene
Concen: 135.879 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. 0.000 min
Lab File: VD073794.D
Acq: 06 Jul 2022 16:17



Tgt Ion:180 Resp: 204160
Ion Ratio Lower Upper
180 100
182 93.6 46.0 138.0
145 37.1 18.1 54.4

