

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071222\
 Data File : VD073839.D
 Acq On : 12 Jul 2022 15:27
 Operator : VA/SY
 Sample : VD0712SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0712SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/13/2022
 Supervised By : Mahesh Dadoda 07/13/2022

Quant Time: Jul 13 04:31:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 12 07:04:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	97477	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	183183	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	172812	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	77697	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	61312	46.959	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 93.920%			
35) Dibromofluoromethane	7.903	113	62226	51.349	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.700%			
50) Toluene-d8	10.332	98	185086	43.801	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery = 87.600%			
62) 4-Bromofluorobenzene	12.620	95	93226	52.069	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery = 104.140%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.985	85	13129	23.748	ug/l	93
3) Chloromethane	2.209	50	17403	26.860	ug/l	96
4) Vinyl Chloride	2.344	62	22393	26.369	ug/l	94
5) Bromomethane	2.744	94	16644	26.695	ug/l	96
6) Chloroethane	2.903	64	17346	24.630	ug/l	92
7) Trichlorofluoromethane	3.256	101	30767	22.205	ug/l	98
8) Diethyl Ether	3.697	74	9645	22.091	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.085	101	18294	21.402	ug/l	100
10) Methyl Iodide	4.285	142	12114	21.841	ug/l	99
11) Tert butyl alcohol	5.185	59	31969	110.888	ug/l #	100
12) 1,1-Dichloroethene	4.062	96	14415	21.994	ug/l	95
13) Acrolein	3.920	56	3227	84.183	ug/l #	77
14) Allyl chloride	4.703	41	27633	21.867	ug/l	98
15) Acrylonitrile	5.414	53	26235	104.799	ug/l	97
16) Acetone	4.156	43	22886	102.314	ug/l	91
17) Carbon Disulfide	4.397	76	24339	26.671	ug/l	96
18) Methyl Acetate	4.720	43	14412	23.511	ug/l	99
19) Methyl tert-butyl Ether	5.467	73	53231	21.058	ug/l	95
20) Methylene Chloride	4.956	84	29070	26.016	ug/l	90
21) trans-1,2-Dichloroethene	5.456	96	17062	22.120	ug/l	87
22) Diisopropyl ether	6.361	45	72406	20.990	ug/l	96
23) Vinyl Acetate	6.297	43	184831	104.280	ug/l	99
24) 1,1-Dichloroethane	6.256	63	42153	22.368	ug/l	98
25) 2-Butanone	7.208	43	34109	101.362	ug/l	96
26) 2,2-Dichloropropane	7.203	77	35643	19.866	ug/l	99
27) cis-1,2-Dichloroethene	7.203	96	24709	22.317	ug/l	93
28) Bromochloromethane	7.538	49	15209	19.788	ug/l	98
29) Tetrahydrofuran	7.556	42	20863	104.091	ug/l	98
30) Chloroform	7.703	83	46786	22.087	ug/l	95
31) Cyclohexane	7.979	56	27055	22.317	ug/l	94
32) 1,1,1-Trichloroethane	7.897	97	37333	21.079	ug/l	96
36) 1,1-Dichloropropene	8.103	75	28468	23.218	ug/l	98
37) Ethyl Acetate	7.285	43	15967	21.275	ug/l	98
38) Carbon Tetrachloride	8.091	117	29971	21.403	ug/l	94
39) Methylcyclohexane	9.350	83	28562	22.505	ug/l	89
40) Benzene	8.344	78	81055	22.205	ug/l	98

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Quant Time: Jul 13 04:31:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 12 07:04:44 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	9493	19.308	ug/l #	85
42) 1,2-Dichloroethane	8.414	62	29571	22.746	ug/l	99
43) Isopropyl Acetate	8.444	43	31110	21.075	ug/l	97
44) Trichloroethene	9.102	130	21179	22.235	ug/l	98
45) 1,2-Dichloropropane	9.379	63	24382	22.573	ug/l	90
46) Dibromomethane	9.461	93	13678	23.270	ug/l	99
47) Bromodichloromethane	9.650	83	36847	22.164	ug/l	91
48) Methyl methacrylate	9.450	41	13865	20.678	ug/l	98
49) 1,4-Dioxane	9.450	88	3143	418.297	ug/l	92
51) 4-Methyl-2-Pentanone	10.220	43	79258	100.757	ug/l	97
52) Toluene	10.391	92	53675	21.897	ug/l	100
53) t-1,3-Dichloropropene	10.608	75	32173	21.059	ug/l	90
54) cis-1,3-Dichloropropene	10.079	75	35792	21.191	ug/l	94
55) 1,1,2-Trichloroethane	10.785	97	19000	21.481	ug/l	95
56) Ethyl methacrylate	10.655	69	22004	20.562	ug/l	93
57) 1,3-Dichloropropane	10.938	76	32742	21.786	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	40410	94.799	ug/l	100
59) 2-Hexanone	10.973	43	54046	100.919	ug/l	99
60) Dibromochloromethane	11.132	129	23337	21.271	ug/l	100
61) 1,2-Dibromoethane	11.232	107	17333	21.816	ug/l	95
64) Tetrachloroethene	10.867	164	15962	21.450	ug/l	93
65) Chlorobenzene	11.661	112	61332	21.467	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.732	131	23726	20.915	ug/l	98
67) Ethyl Benzene	11.738	91	108217	20.302	ug/l	96
68) m/p-Xylenes	11.844	106	80848	41.358	ug/l	96
69) o-Xylene	12.167	106	40330	20.809	ug/l	98
70) Styrene	12.185	104	67074	19.987	ug/l	98
71) Bromoform	12.344	173	12184	20.707	ug/l #	100
73) Isopropylbenzene	12.467	105	107580	20.261	ug/l	99
74) N-amyl acetate	12.279	43	28981	19.891	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.714	83	23336	21.135	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	16425m	19.541	ug/l	
77) Bromobenzene	12.749	156	22768	20.461	ug/l	98
78) n-propylbenzene	12.808	91	141251	21.061	ug/l	99
79) 2-Chlorotoluene	12.896	91	78701	20.404	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	94377	21.320	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	6723	21.021	ug/l	93
82) 4-Chlorotoluene	12.991	91	84515	20.950	ug/l	99
83) tert-Butylbenzene	13.208	119	80359	20.600	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	92188	20.759	ug/l	99
85) sec-Butylbenzene	13.385	105	125171	20.638	ug/l	100
86) p-Isopropyltoluene	13.502	119	99273	20.327	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	48928	20.457	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	49276	21.038	ug/l	99
89) n-Butylbenzene	13.826	91	104002	21.222	ug/l	99
90) Hexachloroethane	14.096	117	19787	20.929	ug/l	95
91) 1,2-Dichlorobenzene	13.873	146	42834	20.335	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.490	75	3660	19.771	ug/l	98
93) 1,2,4-Trichlorobenzene	15.143	180	24034	20.023	ug/l	99
94) Hexachlorobutadiene	15.249	225	11207	19.622	ug/l	98
95) Naphthalene	15.379	128	51727	19.740	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	20074	19.237	ug/l	97

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ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0712SBSD01

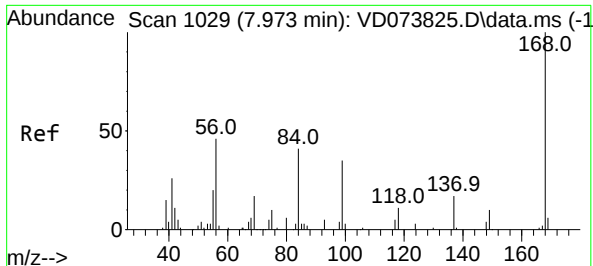
Manual Integrations
APPROVED

Reviewed By : John Carlone 07/13/2022
Supervised By : Mahesh Dadoda 07/13/2022

Quant Time: Jul 13 04:31:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071122S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 12 07:04:44 2022
Response via : Initial Calibration

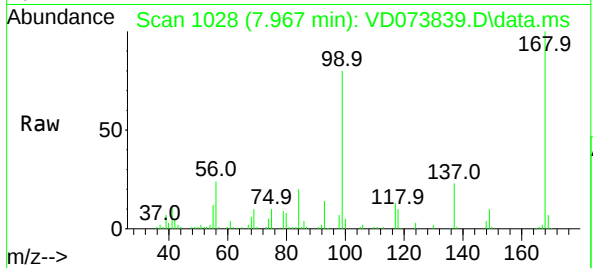
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD073839.D
Acq: 12 Jul 2022 15:27

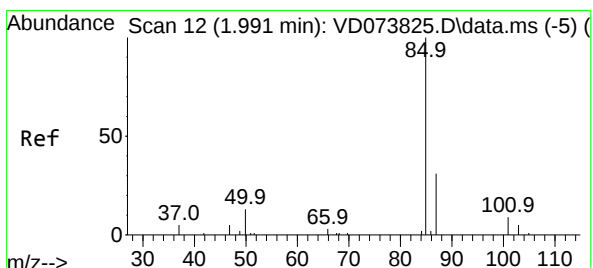
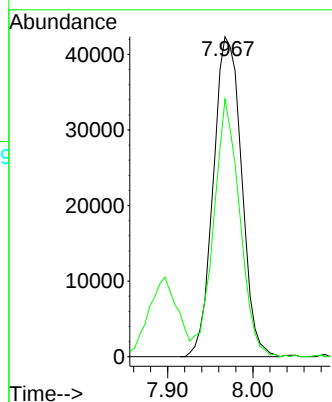
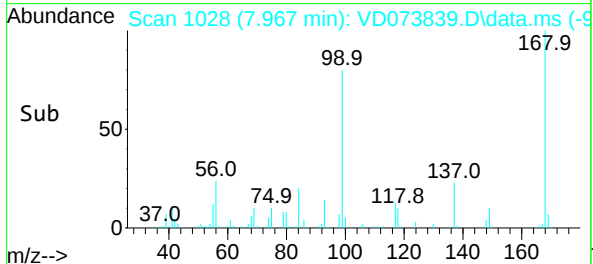
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBSD01



Tgt Ion:168 Resp: 9747
Ion Ratio Lower Upper
168 100
99 80.5 53.8 80.6

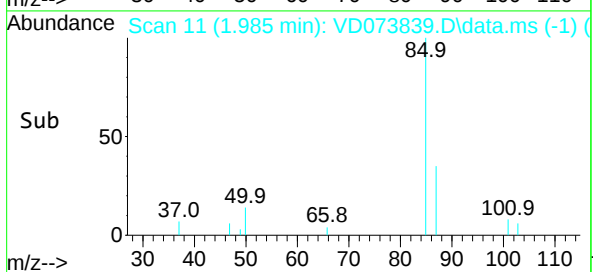
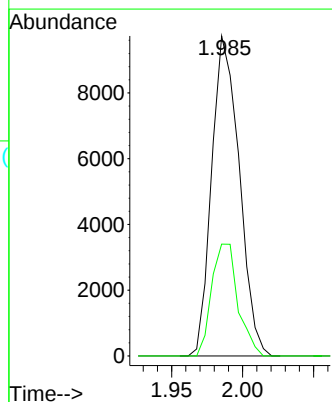
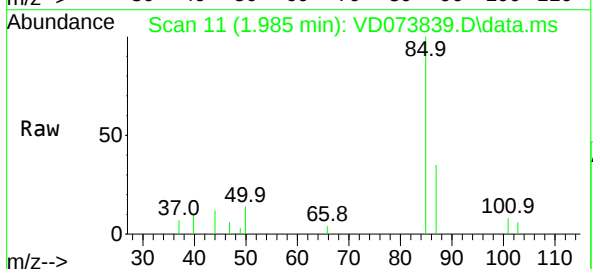
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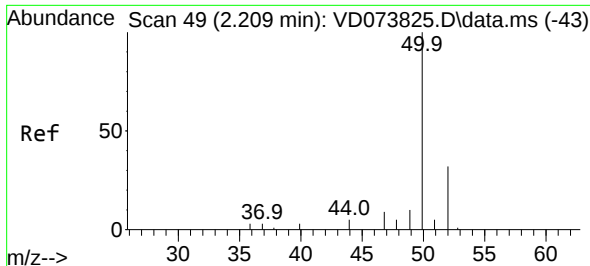
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#2
Dichlorodifluoromethane
Concen: 23.748 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073839.D
Acq: 12 Jul 2022 15:27

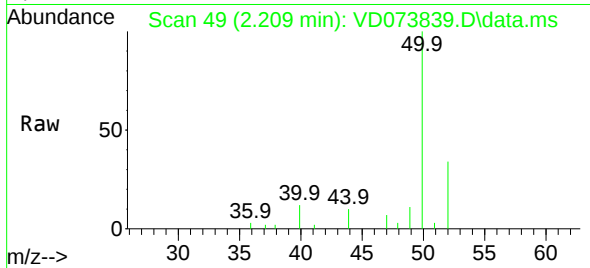
Tgt Ion: 85 Resp: 13129
Ion Ratio Lower Upper
85 100
87 35.0 15.6 46.7





#3
Chloromethane
Concen: 26.860 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073839.D
Acq: 12 Jul 2022 15:27

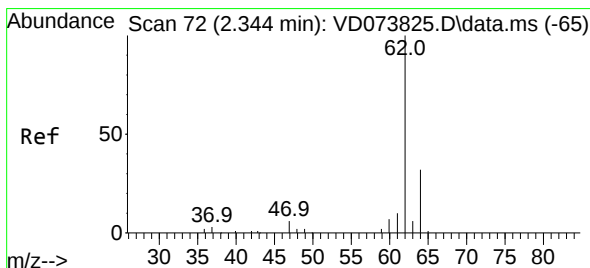
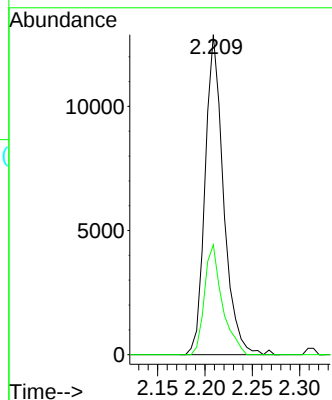
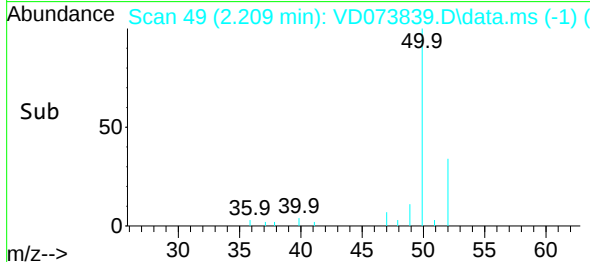
Instrument :
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ClientSampleId :
VD0712SBSD01



Tgt Ion: 50 Resp: 1740
Ion Ratio Lower Upper
50 100
52 34.4 25.5 38.3

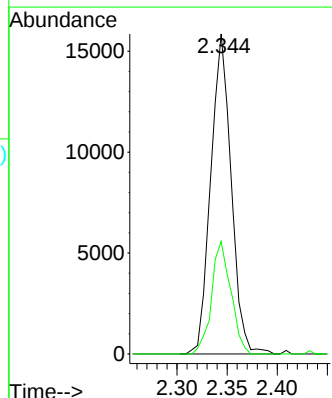
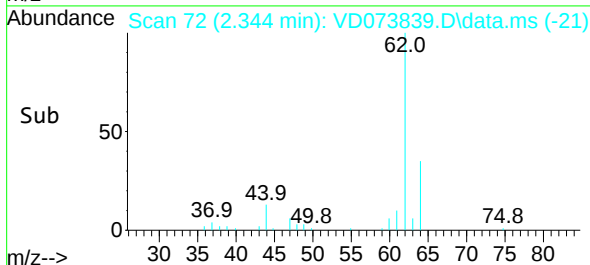
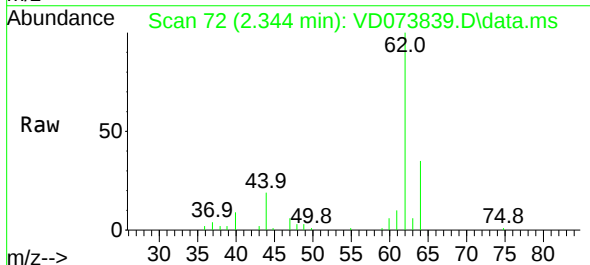
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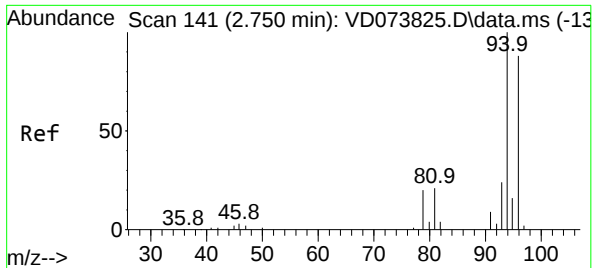
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#4
Vinyl Chloride
Concen: 26.369 ug/l
RT: 2.344 min Scan# 72
Delta R.T. 0.000 min
Lab File: VD073839.D
Acq: 12 Jul 2022 15:27

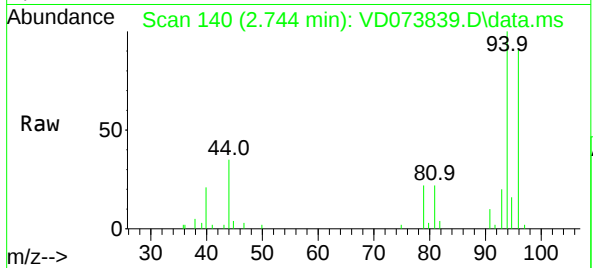
Tgt Ion: 62 Resp: 22393
Ion Ratio Lower Upper
62 100
64 35.2 25.4 38.0





#5
Bromomethane
Concen: 26.695 ug/l
RT: 2.744 min Scan# 141
Delta R.T. -0.006 min
Lab File: VD073839.D
Acq: 12 Jul 2022 15:27

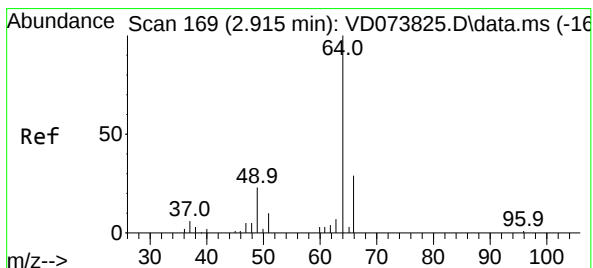
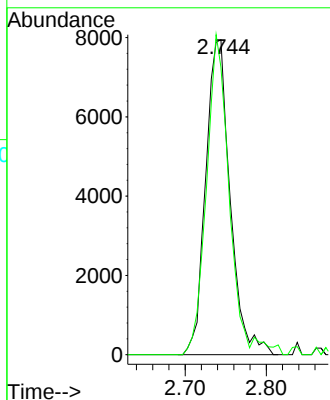
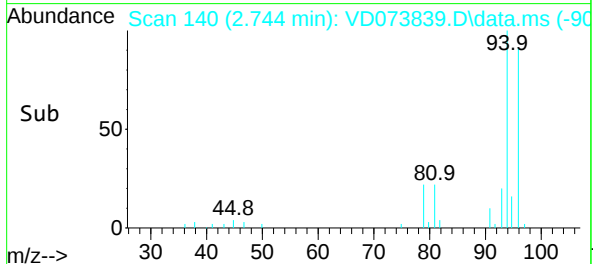
Instrument :
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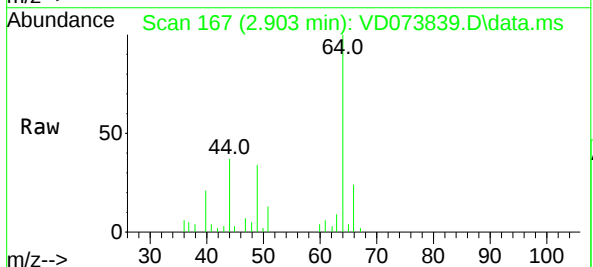
Tgt Ion: 94 Resp: 16644
Ion Ratio Lower Upper
94 100
96 91.3 70.3 105.5

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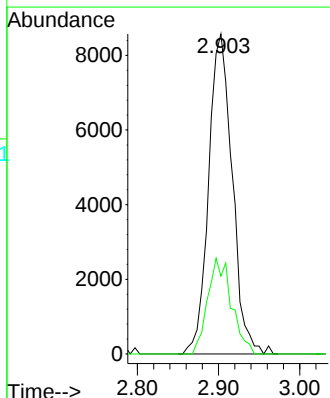
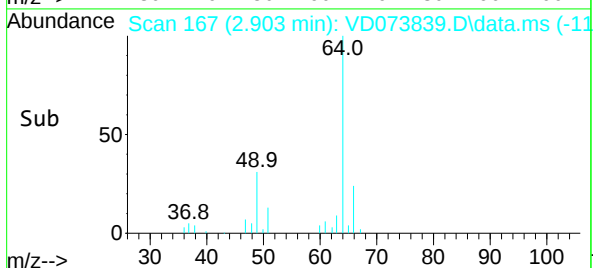
Reviewed By :John Carlone 07/13/2022
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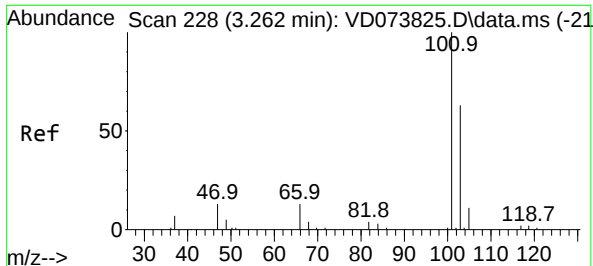


#6
Chloroethane
Concen: 24.630 ug/l
RT: 2.903 min Scan# 167
Delta R.T. -0.012 min
Lab File: VD073839.D
Acq: 12 Jul 2022 15:27



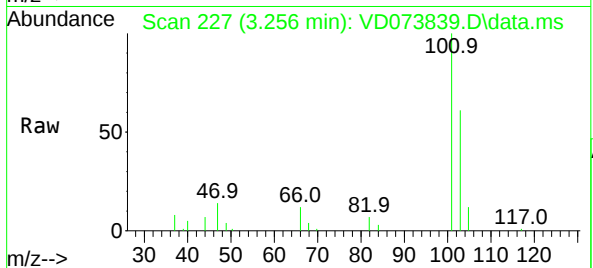
Tgt Ion: 64 Resp: 17346
Ion Ratio Lower Upper
64 100
66 24.4 23.0 34.6





#7
 Trichlorofluoromethane
 Concen: 22.205 ug/l
 RT: 3.256 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD073839.D
 Acq: 12 Jul 2022 15:27

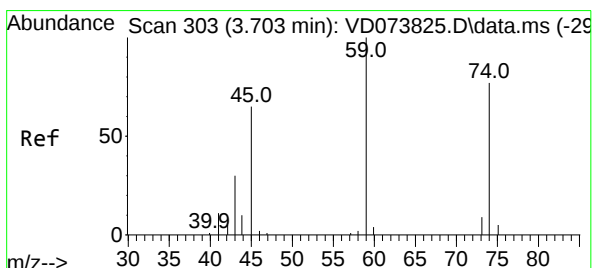
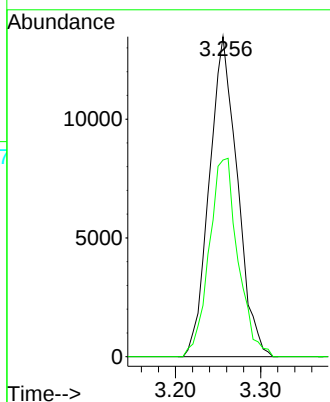
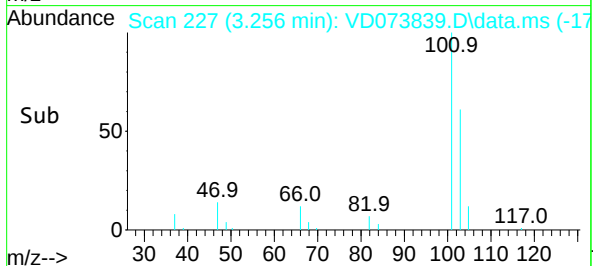
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0712SBSD01



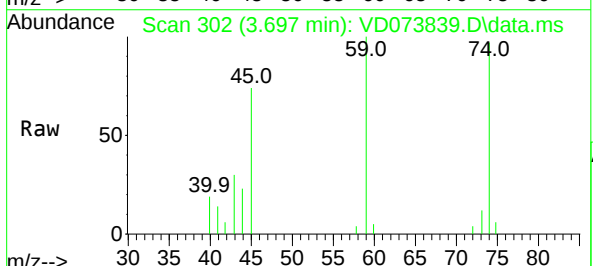
Tgt Ion:101 Resp: 3076
 Ion Ratio Lower Upper
 101 100
 103 61.5 50.3 75.5

Manual Integrations
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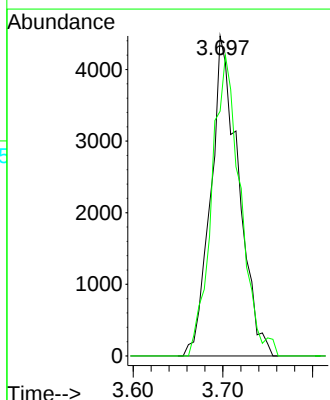
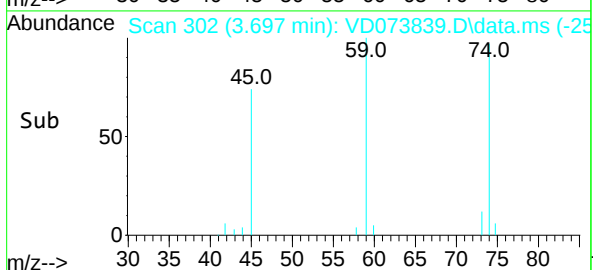
Reviewed By :John Carlone 07/13/2022
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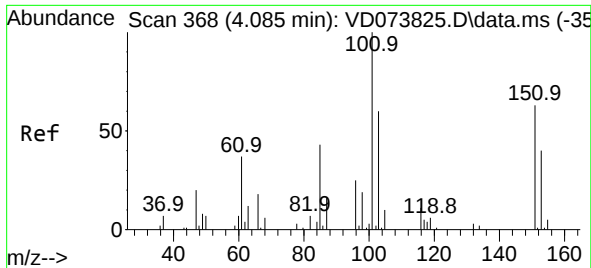


#8
 Diethyl Ether
 Concen: 22.091 ug/l
 RT: 3.697 min Scan# 302
 Delta R.T. -0.006 min
 Lab File: VD073839.D
 Acq: 12 Jul 2022 15:27



Tgt Ion: 74 Resp: 9645
 Ion Ratio Lower Upper
 74 100
 45 96.6 48.9 146.7





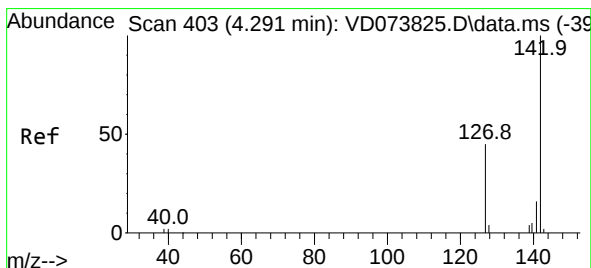
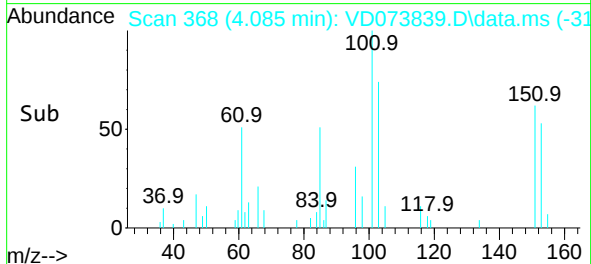
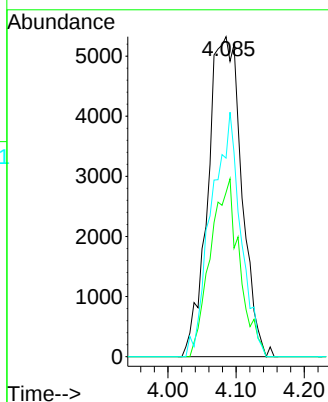
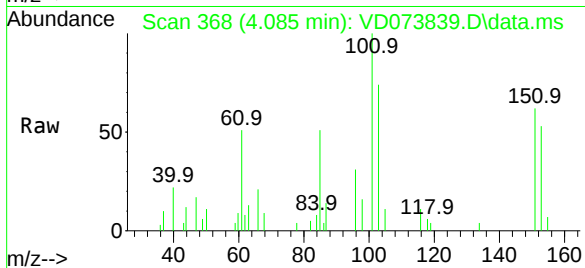
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.402 ug/l
RT: 4.085 min Scan# 30
Delta R.T. 0.000 min
Lab File: VD073839.D
Acq: 12 Jul 2022 15:27

Instrument :
MSVOA_D
ClientSampleId :
VD0712SBSD01

Tgt Ion:101 Resp: 18294
Ion Ratio Lower Upper
101 100
85 48.3 38.6 57.8
151 66.6 53.6 80.4

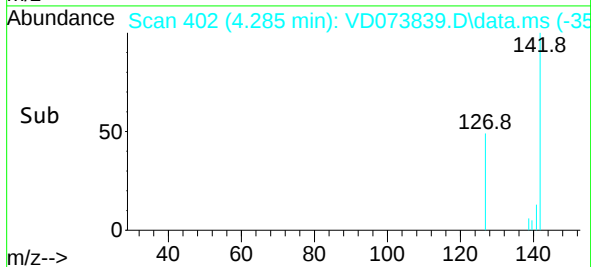
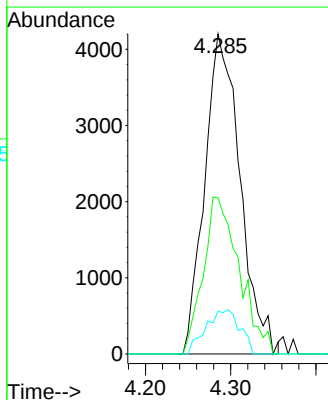
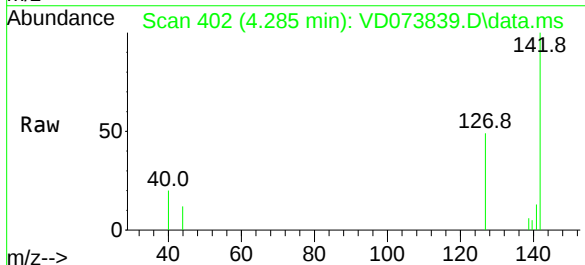
Manual Integrations
APPROVED

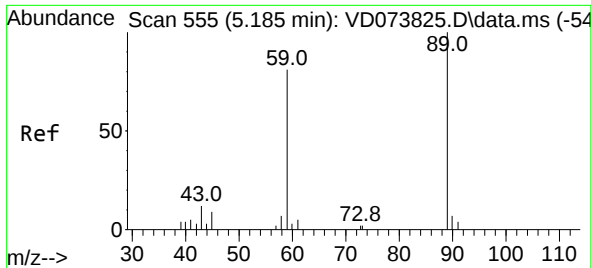
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#10
Methyl Iodide
Concen: 21.841 ug/l
RT: 4.285 min Scan# 402
Delta R.T. -0.006 min
Lab File: VD073839.D
Acq: 12 Jul 2022 15:27

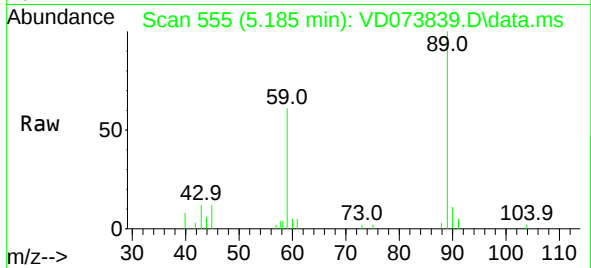
Tgt Ion:142 Resp: 12114
Ion Ratio Lower Upper
142 100
127 50.0 39.8 59.6
141 13.3 11.9 17.9





#11
Tert butyl alcohol
Concen: 110.888 ug/l
RT: 5.185 min Scan# 519
Delta R.T. 0.000 min
Lab File: VD073839.D
Acq: 12 Jul 2022 15:27

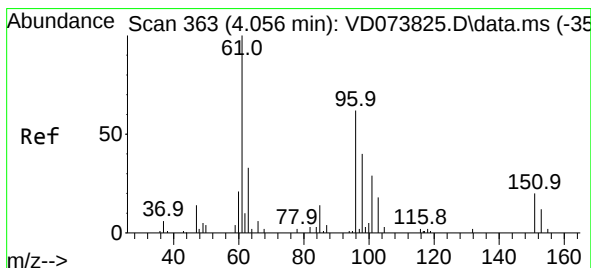
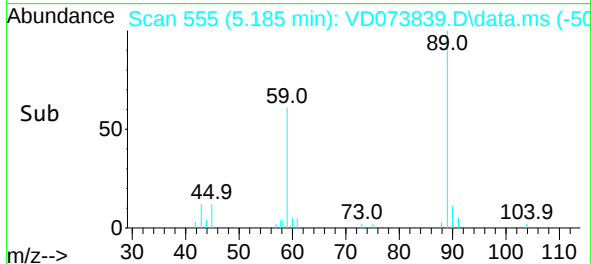
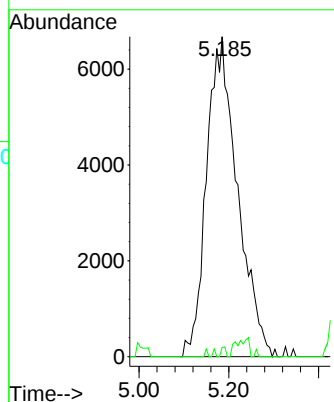
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBSD01



Tgt Ion: 59 Resp: 3196
Ion Ratio Lower Upper
59 100
57 0.4 0.0 0.0

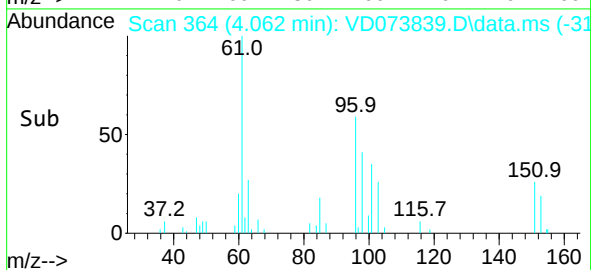
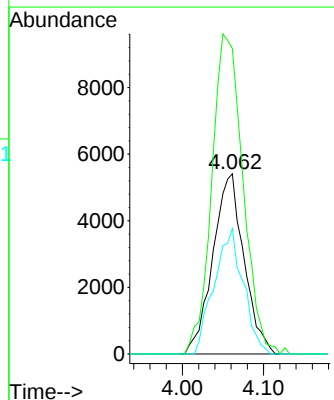
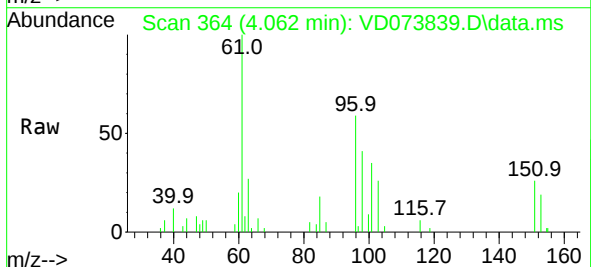
Manual Integrations
APPROVED

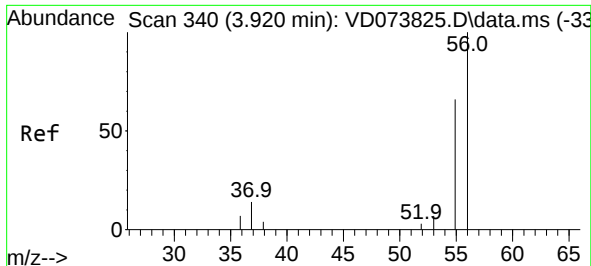
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#12
1,1-Dichloroethene
Concen: 21.994 ug/l
RT: 4.062 min Scan# 364
Delta R.T. 0.006 min
Lab File: VD073839.D
Acq: 12 Jul 2022 15:27

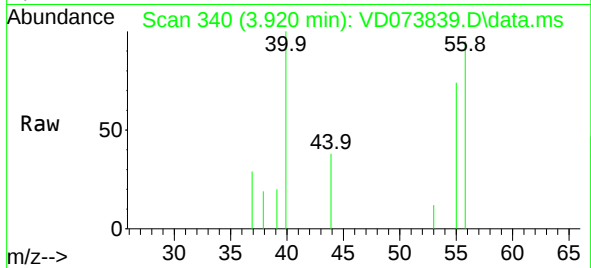
Tgt Ion: 96 Resp: 14415
Ion Ratio Lower Upper
96 100
61 169.6 130.1 195.1
98 69.6 52.1 78.1





#13
Acrolein
Concen: 84.183 ug/l
RT: 3.920 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD073839.D
Acq: 12 Jul 2022 15:27

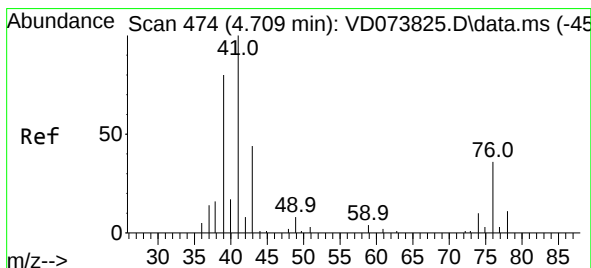
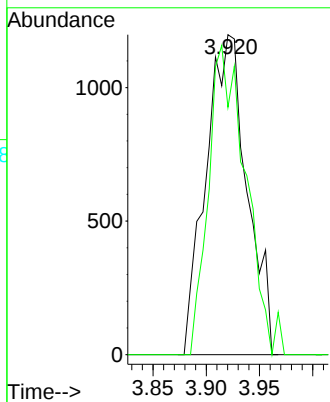
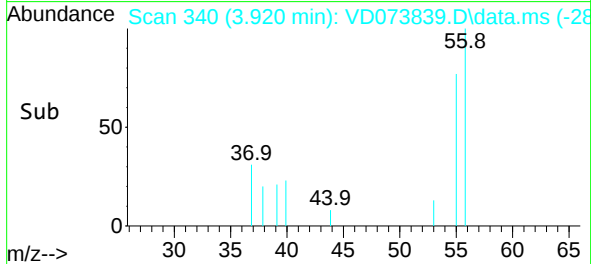
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBSD01



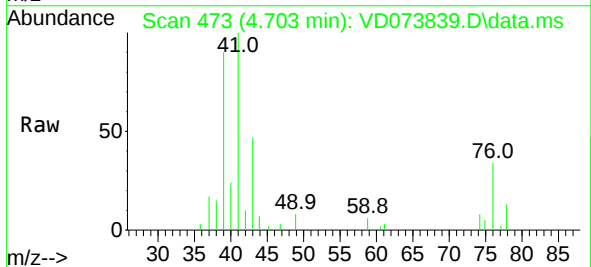
Tgt Ion: 56 Resp: 322
Ion Ratio Lower Upper
56 100
55 87.4 54.7 82.1

Manual Integrations
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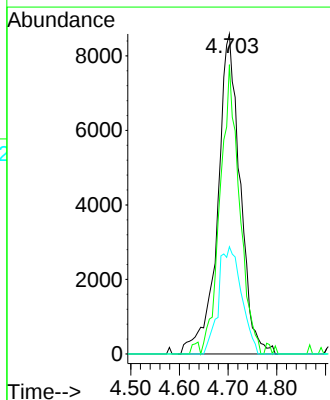
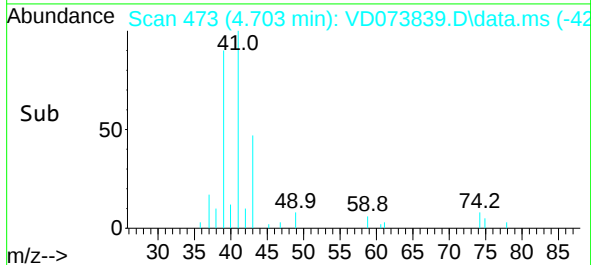
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

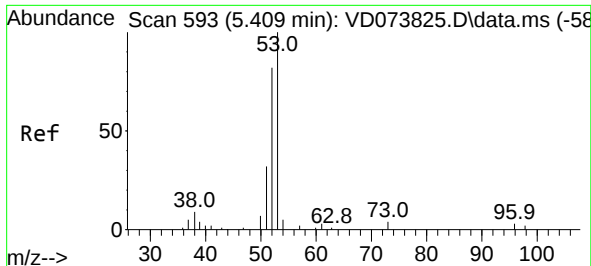


#14
Allyl chloride
Concen: 21.867 ug/l
RT: 4.703 min Scan# 473
Delta R.T. -0.006 min
Lab File: VD073839.D
Acq: 12 Jul 2022 15:27



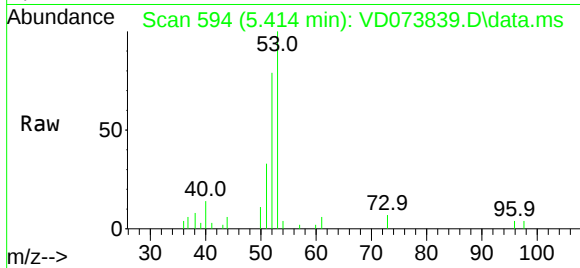
Tgt Ion: 41 Resp: 27633
Ion Ratio Lower Upper
41 100
39 77.3 62.5 93.7
76 34.1 28.6 43.0





#15
Acrylonitrile
Concen: 104.799 ug/l
RT: 5.414 min Scan# 593
Delta R.T. 0.006 min
Lab File: VD073839.D
Acq: 12 Jul 2022 15:27

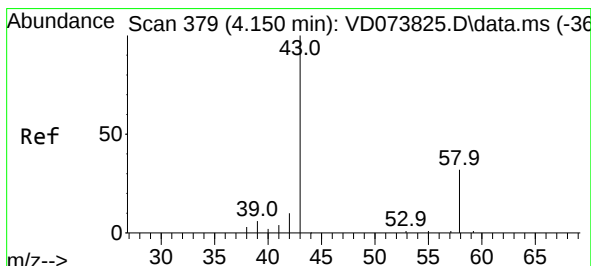
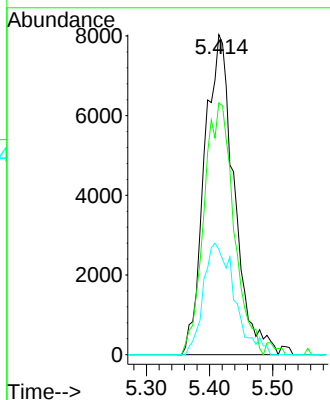
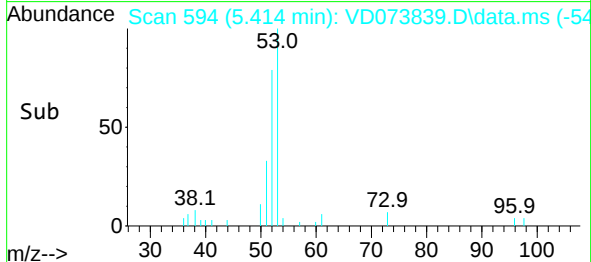
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBSD01



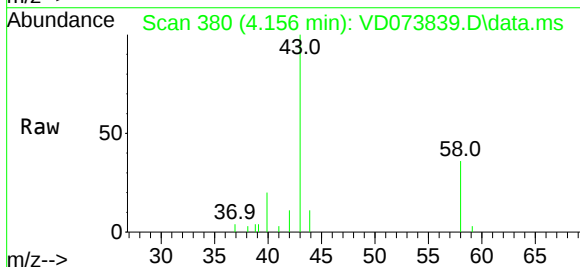
Tgt Ion: 53 Resp: 26235
Ion Ratio Lower Upper
53 100
52 79.3 66.1 99.1
51 36.6 30.6 45.8

Manual Integrations
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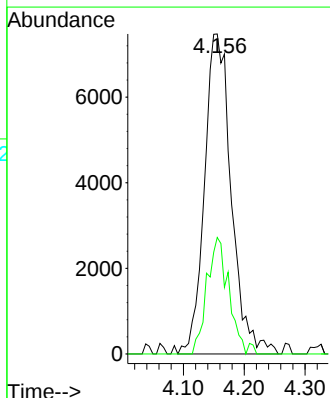
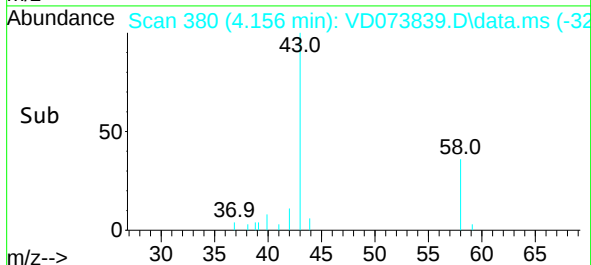
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

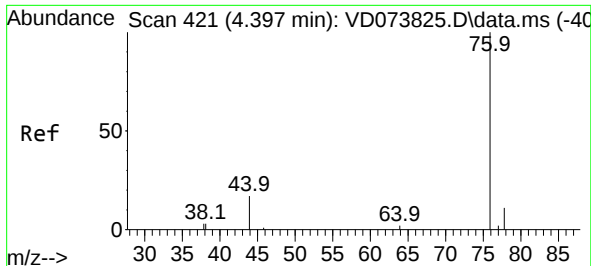


#16
Acetone
Concen: 102.314 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD073839.D
Acq: 12 Jul 2022 15:27



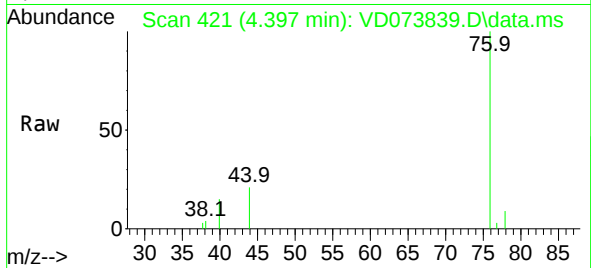
Tgt Ion: 43 Resp: 22886
Ion Ratio Lower Upper
43 100
58 36.4 25.2 37.8





#17
Carbon Disulfide
Concen: 26.671 ug/l
RT: 4.397 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD073839.D
Acq: 12 Jul 2022 15:27

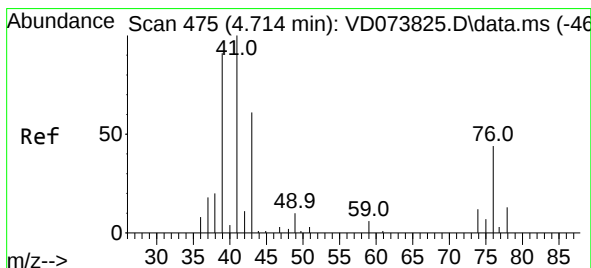
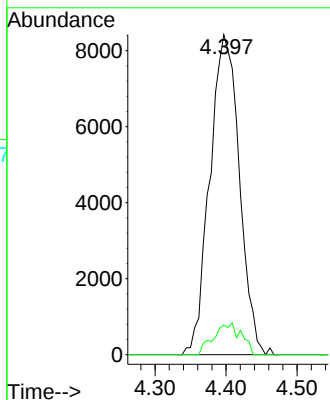
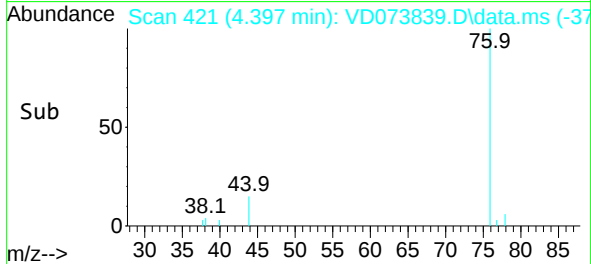
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBSD01



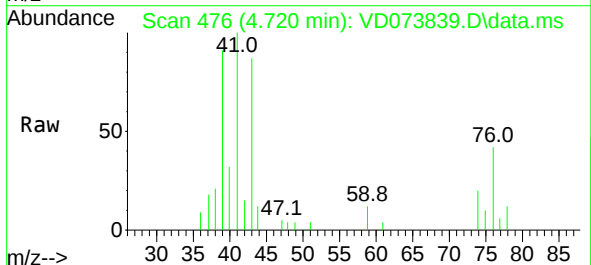
Tgt Ion: 76 Resp: 24339
Ion Ratio Lower Upper
76 100
78 9.3 8.7 13.1

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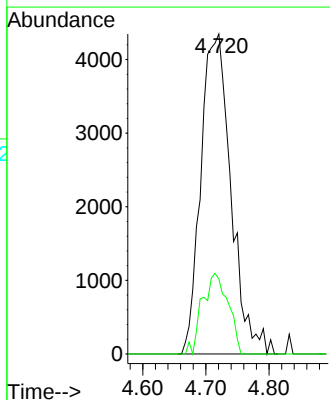
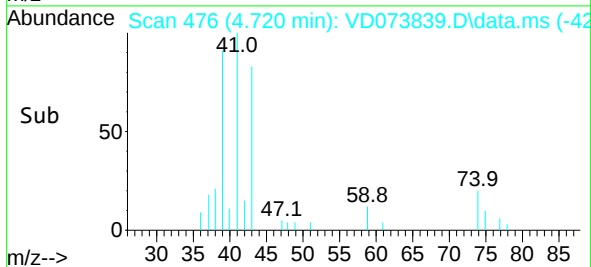
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

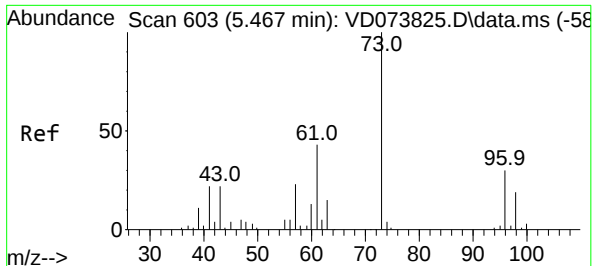


#18
Methyl Acetate
Concen: 23.511 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.006 min
Lab File: VD073839.D
Acq: 12 Jul 2022 15:27



Tgt Ion: 43 Resp: 14412
Ion Ratio Lower Upper
43 100
74 21.6 17.0 25.4





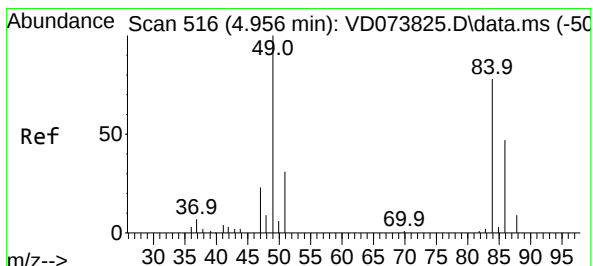
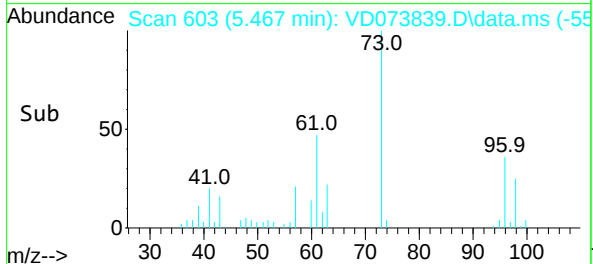
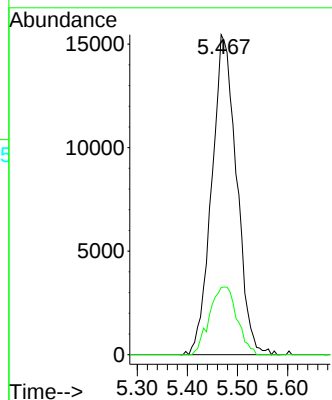
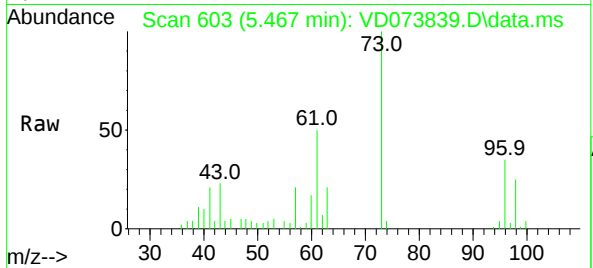
#19
Methyl tert-butyl Ether
Concen: 21.058 ug/l
RT: 5.467 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD073839.D
Acq: 12 Jul 2022 15:27

Instrument :
MSVOA_D
ClientSampleId :
VD0712SBS01

Tgt Ion: 73 Resp: 5323
Ion Ratio Lower Upper
73 100
57 21.0 18.6 28.0

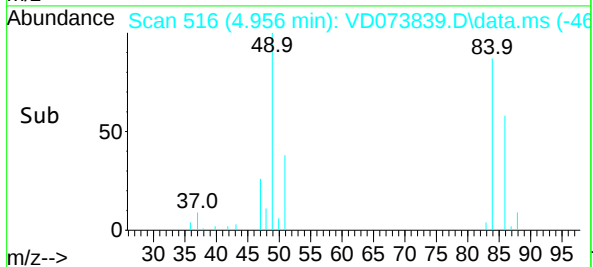
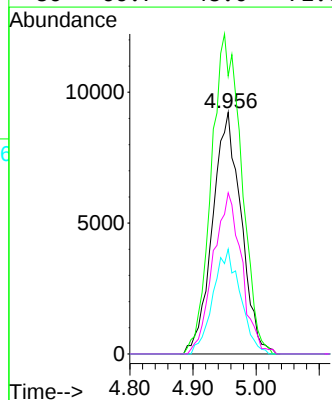
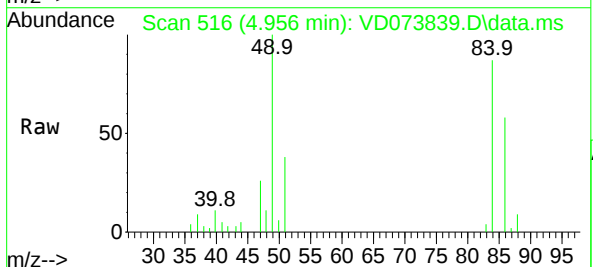
Manual Integrations
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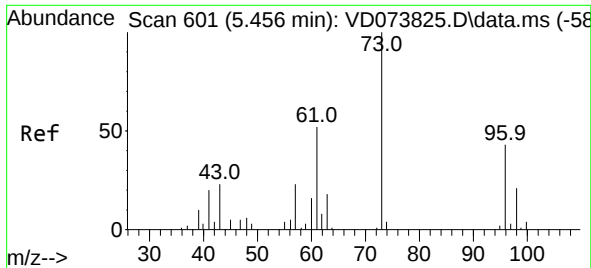
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#20
Methylene Chloride
Concen: 26.016 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.000 min
Lab File: VD073839.D
Acq: 12 Jul 2022 15:27

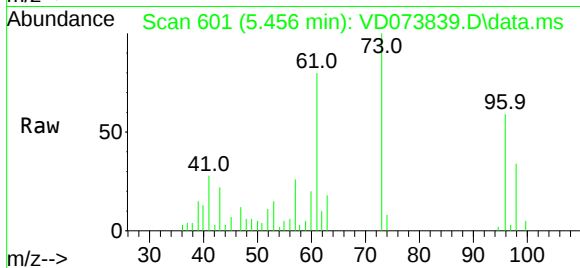
Tgt Ion: 84 Resp: 29070
Ion Ratio Lower Upper
84 100
49 115.1 102.5 153.7
51 43.4 31.4 47.0
86 66.7 48.0 72.0





#21
trans-1,2-Dichloroethene
Concen: 22.120 ug/l
RT: 5.456 min Scan# 601
Delta R.T. -0.000 min
Lab File: VD073839.D
Acq: 12 Jul 2022 15:27

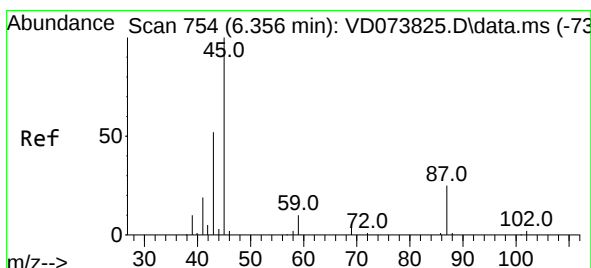
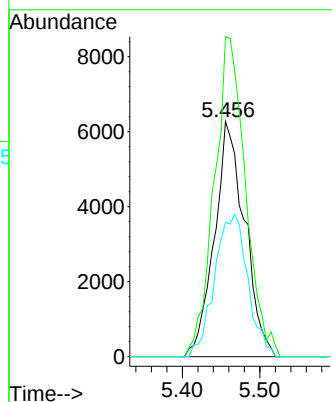
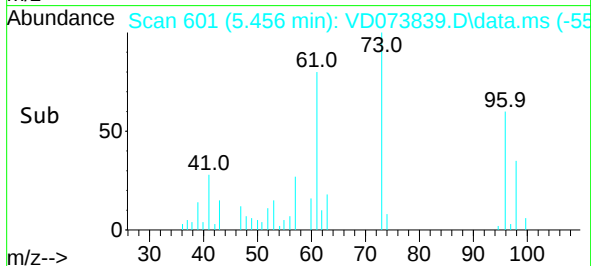
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBSD01



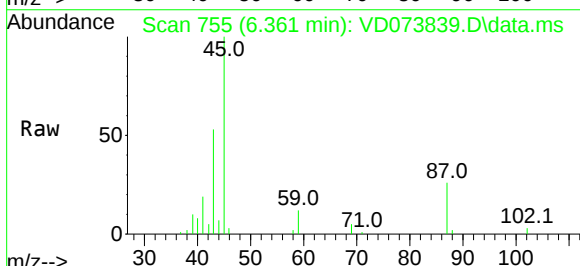
Tgt Ion: 96 Resp: 17062
Ion Ratio Lower Upper
96 100
61 136.0 97.0 145.6
98 57.1 39.5 59.3

Manual Integrations
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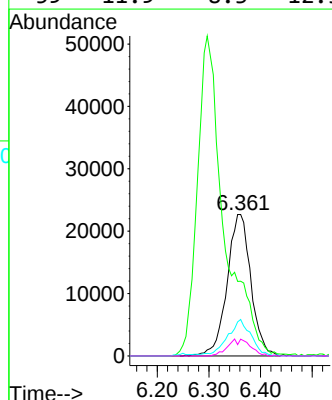
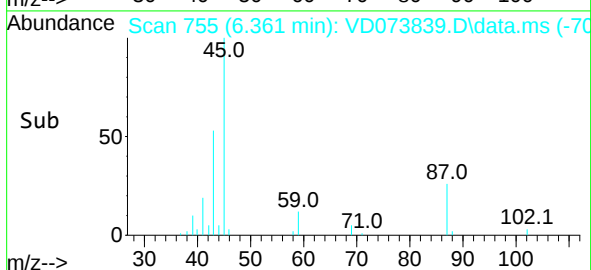
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

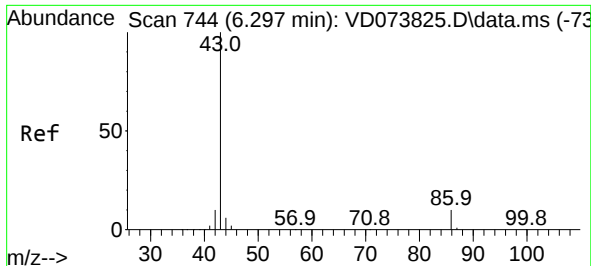


#22
Diisopropyl ether
Concen: 20.990 ug/l
RT: 6.361 min Scan# 755
Delta R.T. 0.006 min
Lab File: VD073839.D
Acq: 12 Jul 2022 15:27



Tgt Ion: 45 Resp: 72406
Ion Ratio Lower Upper
45 100
43 51.4 44.1 66.1
87 25.8 20.8 31.2
59 11.9 8.3 12.5





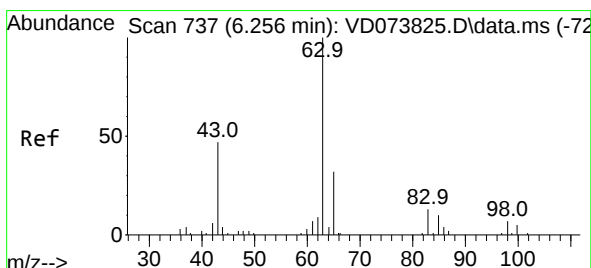
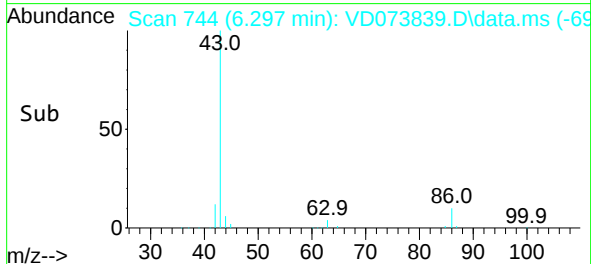
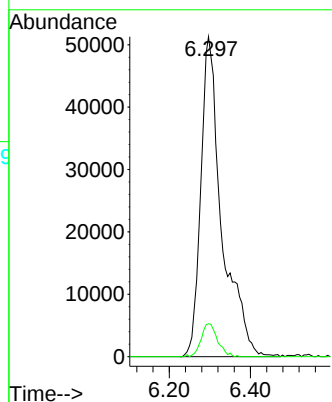
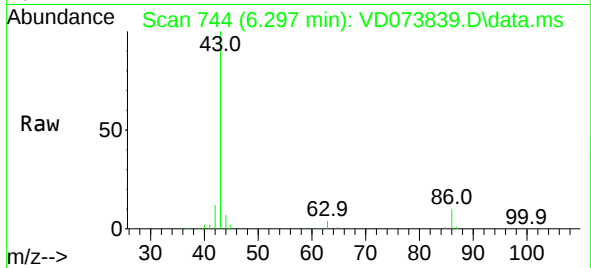
#23
 Vinyl Acetate
 Concen: 104.280 ug/l
 RT: 6.297 min Scan# 744
 Delta R.T. 0.000 min
 Lab File: VD073839.D
 Acq: 12 Jul 2022 15:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0712SBSD01

Tgt Ion: 43 Resp: 18483
 Ion Ratio Lower Upper
 43 100
 86 10.3 7.8 11.8

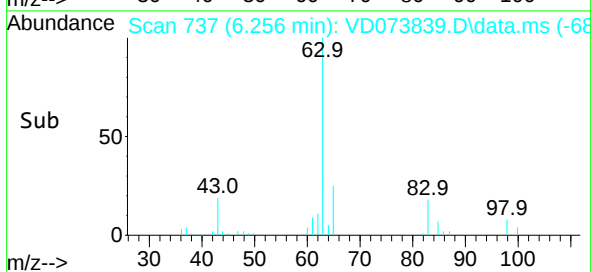
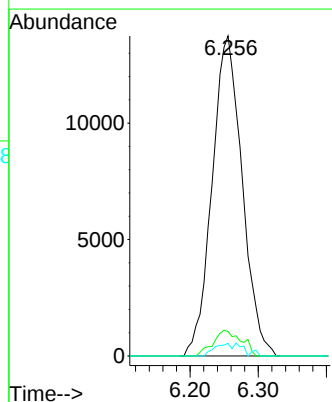
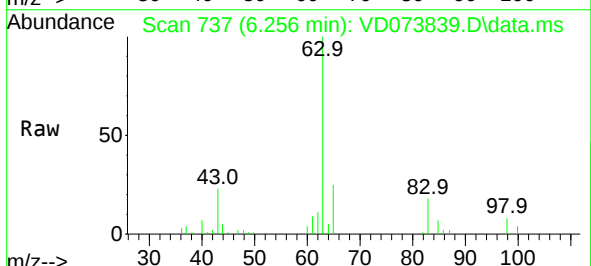
Manual Integrations
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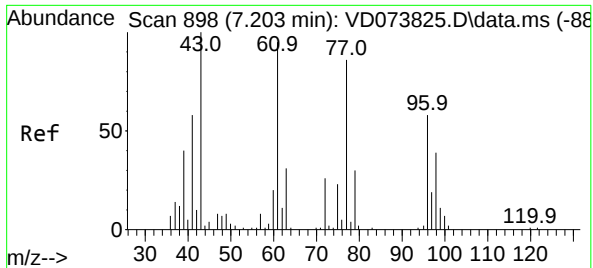
Reviewed By :John Carlone 07/13/2022
 Supervised By :Mahesh Dadoda 07/13/2022



#24
 1,1-Dichloroethane
 Concen: 22.368 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. 0.000 min
 Lab File: VD073839.D
 Acq: 12 Jul 2022 15:27

Tgt Ion: 63 Resp: 42153
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.7 11.1
 100 3.9 2.5 7.6





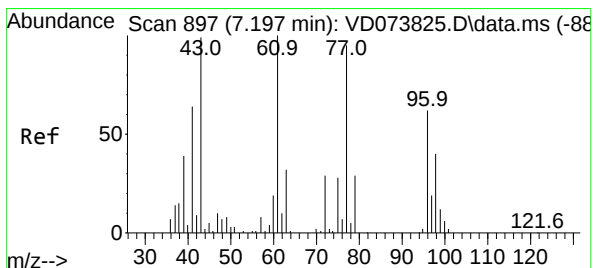
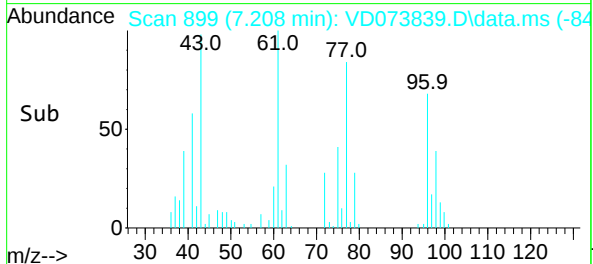
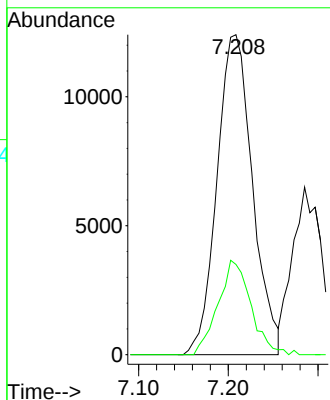
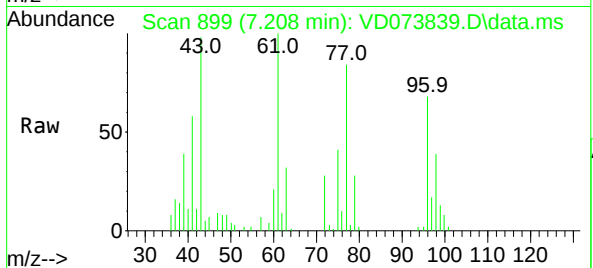
#25
2-Butanone
Concen: 101.362 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD073839.D
Acq: 12 Jul 2022 15:27

Instrument :
MSVOA_D
ClientSampleId :
VD0712SBSD01

Tgt Ion: 43 Resp: 34109
Ion Ratio Lower Upper
43 100
72 28.2 20.9 31.3

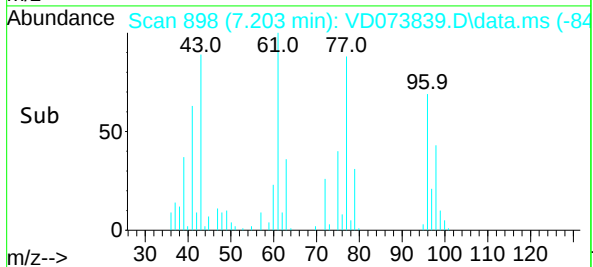
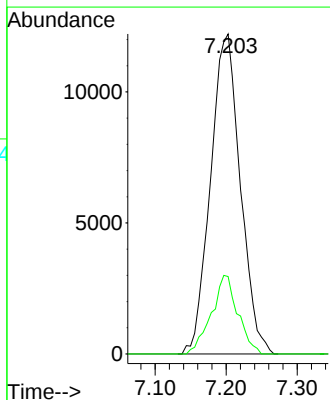
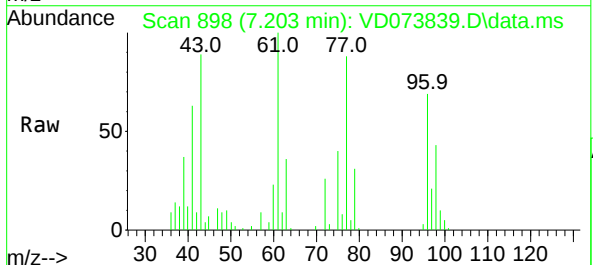
Manual Integrations
APPROVED

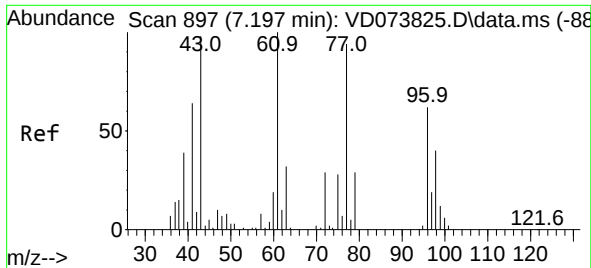
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#26
2,2-Dichloropropane
Concen: 19.866 ug/l
RT: 7.203 min Scan# 898
Delta R.T. 0.006 min
Lab File: VD073839.D
Acq: 12 Jul 2022 15:27

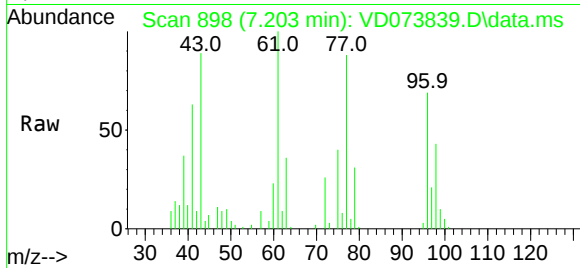
Tgt Ion: 77 Resp: 35643
Ion Ratio Lower Upper
77 100
97 21.8 10.7 31.9





#27
 cis-1,2-Dichloroethene
 Concen: 22.317 ug/l
 RT: 7.203 min Scan# 897
 Delta R.T. 0.006 min
 Lab File: VD073839.D
 Acq: 12 Jul 2022 15:27

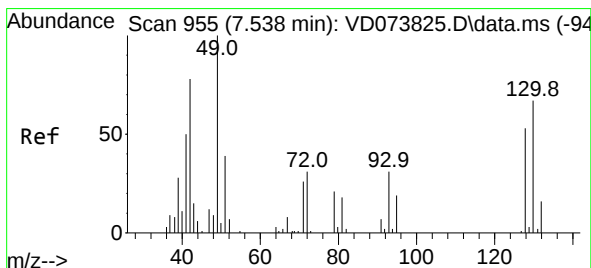
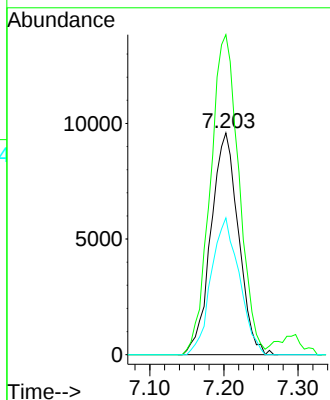
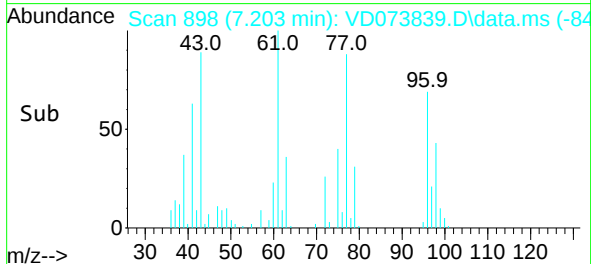
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0712SBSD01



Tgt Ion: 96 Resp: 24709
 Ion Ratio Lower Upper
 96 100
 61 150.3 0.0 324.4
 98 63.2 0.0 131.6

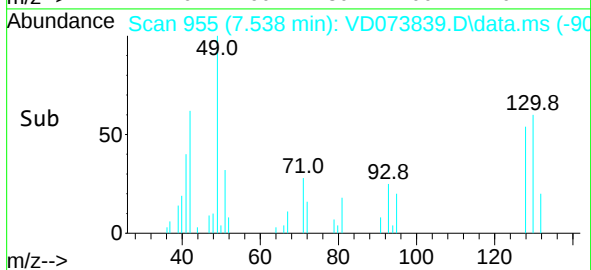
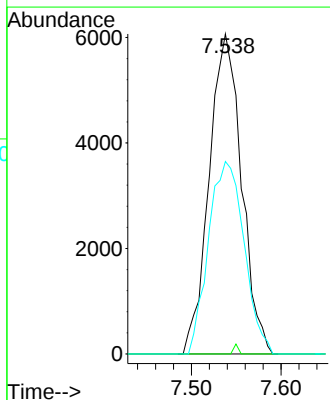
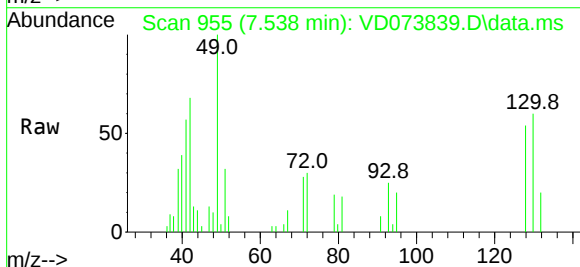
Manual Integrations
 APPROVED

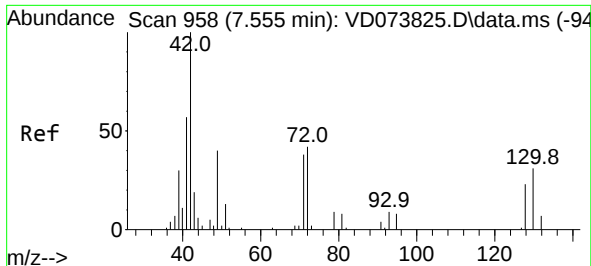
Reviewed By :John Carlone 07/13/2022
 Supervised By :Mahesh Dadoda 07/13/2022



#28
 Bromochloromethane
 Concen: 19.788 ug/l
 RT: 7.538 min Scan# 955
 Delta R.T. 0.000 min
 Lab File: VD073839.D
 Acq: 12 Jul 2022 15:27

Tgt Ion: 49 Resp: 15209
 Ion Ratio Lower Upper
 49 100
 129 0.4 0.0 3.0
 130 66.2 51.8 77.6





#29

Tetrahydrofuran

Concen: 104.091 ug/l

RT: 7.556 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD073839.D

Acq: 12 Jul 2022 15:27

Instrument :

MSVOA_D

ClientSampleId :

VD0712SBSD01

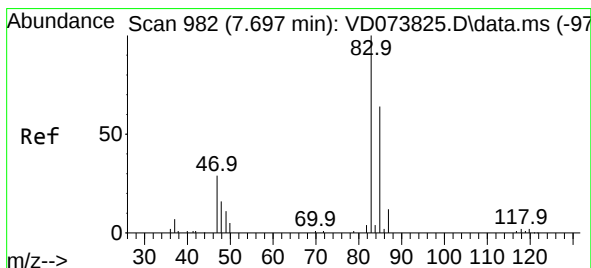
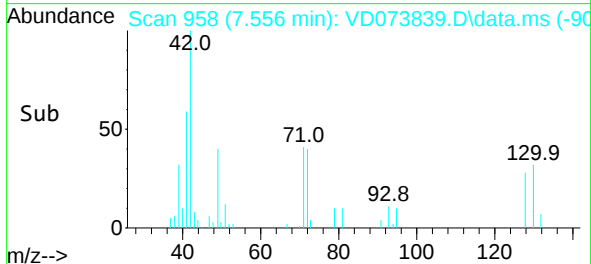
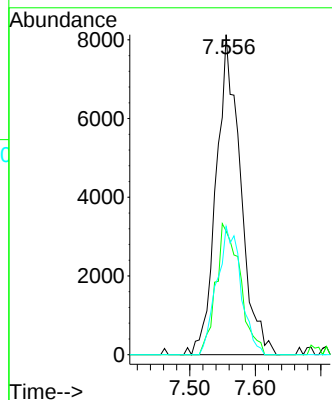
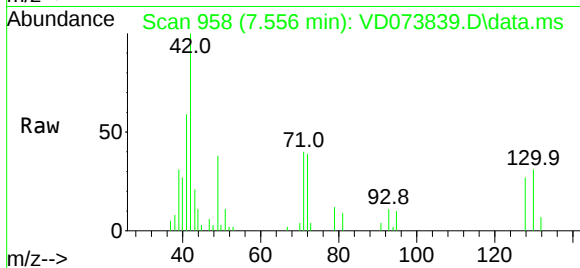
Tgt Ion:	42	Resp:	2086
Ion Ratio	Lower	Upper	
42	100		
72	40.8	33.5	50.3
71	39.8	31.0	46.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#30

Chloroform

Concen: 22.087 ug/l

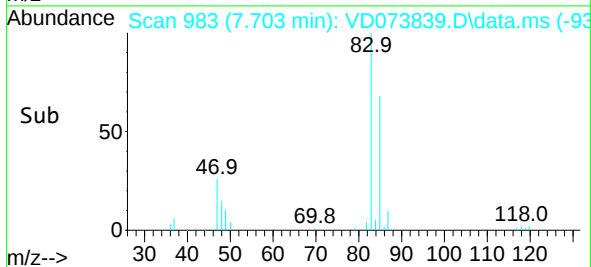
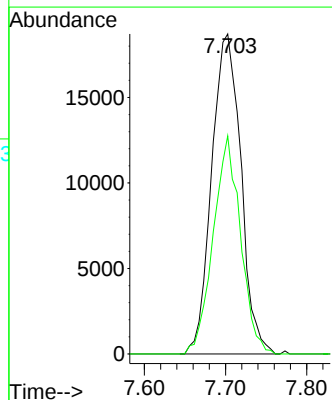
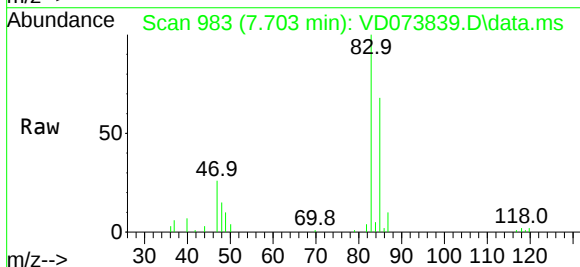
RT: 7.703 min Scan# 983

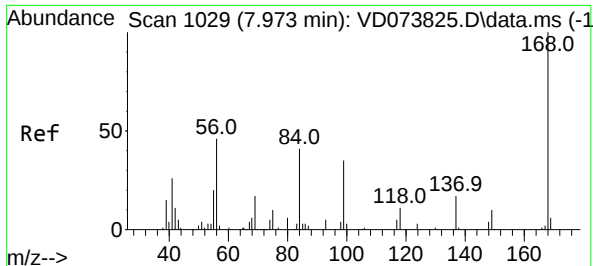
Delta R.T. 0.006 min

Lab File: VD073839.D

Acq: 12 Jul 2022 15:27

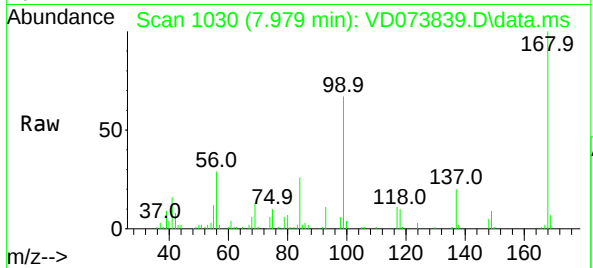
Tgt Ion:	83	Resp:	46786
Ion Ratio	Lower	Upper	
83	100		
85	68.2	51.2	76.8





#31
Cyclohexane
Concen: 22.317 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD073839.D
Acq: 12 Jul 2022 15:27

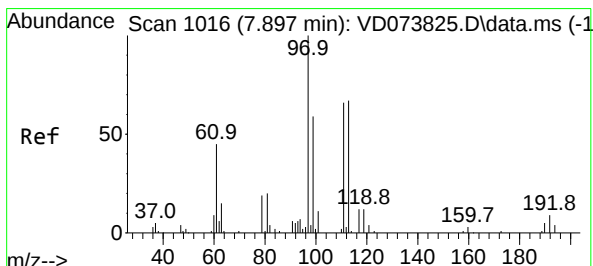
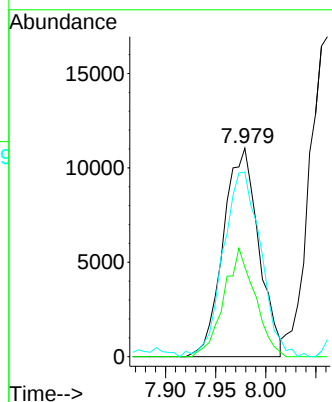
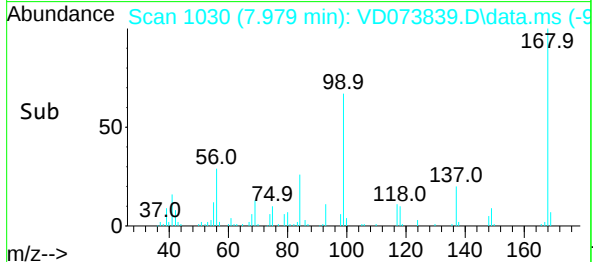
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBS01



Tgt Ion: 56 Resp: 2705
Ion Ratio Lower Upper
56 100
69 42.9 29.1 43.7
84 88.6 68.2 102.2

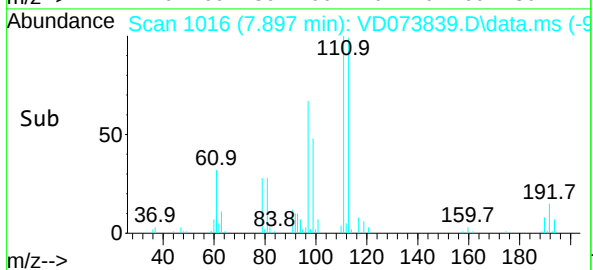
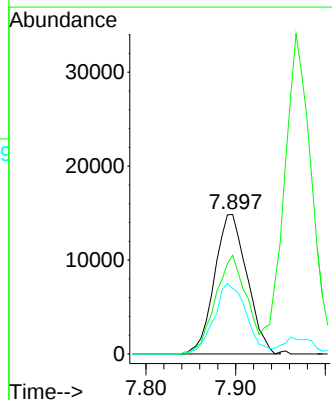
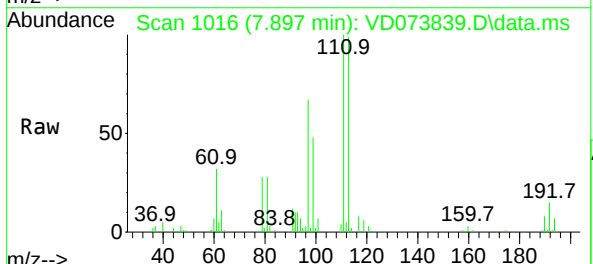
Manual Integrations
APPROVED

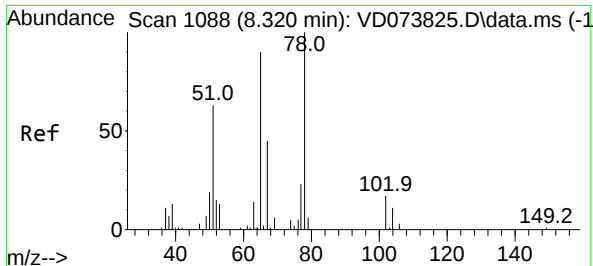
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#32
1,1,1-Trichloroethane
Concen: 21.079 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VD073839.D
Acq: 12 Jul 2022 15:27

Tgt Ion: 97 Resp: 37333
Ion Ratio Lower Upper
97 100
99 67.6 52.2 78.2
61 50.0 37.0 55.4





#33

1,2-Dichloroethane-d4

Concen: 46.959 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VD073839.D

Acq: 12 Jul 2022 15:27

Instrument :

MSVOA_D

ClientSampleId :

VD0712SBSD01

Tgt Ion: 65 Resp: 6131

Ion Ratio Lower Upper

65 100

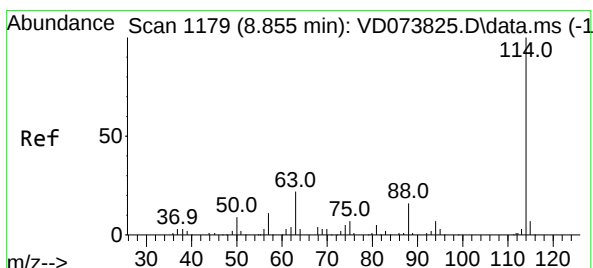
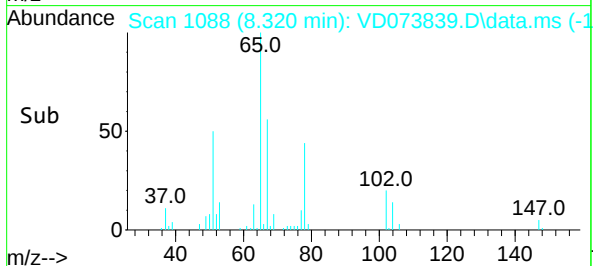
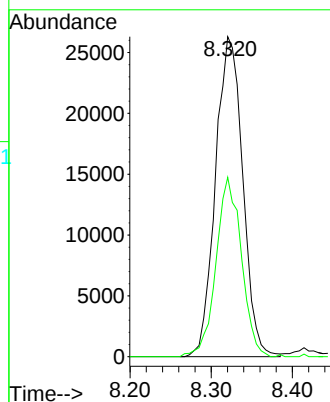
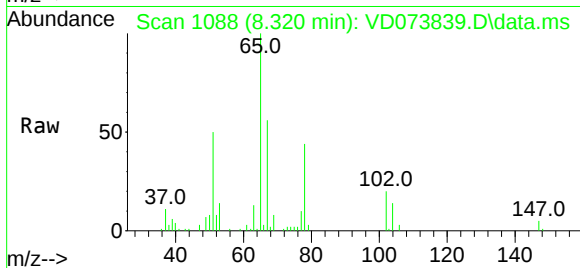
67 52.2 0.0 106.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073839.D

Acq: 12 Jul 2022 15:27

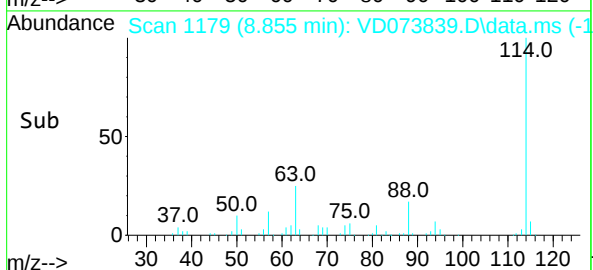
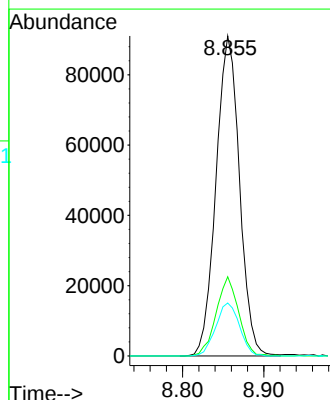
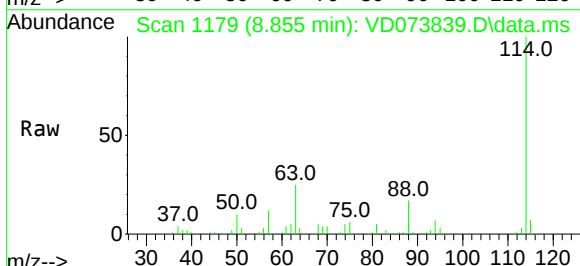
Tgt Ion:114 Resp: 183183

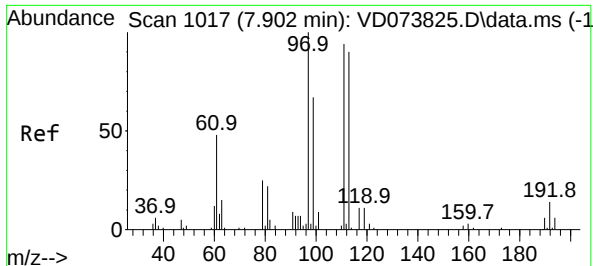
Ion Ratio Lower Upper

114 100

63 24.8 0.0 43.0

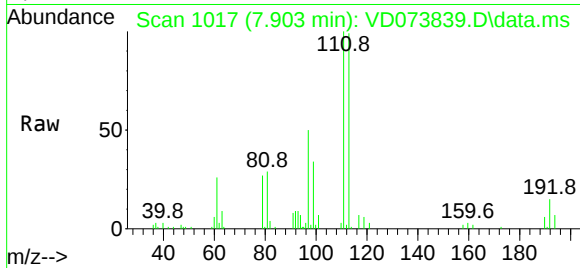
88 16.5 0.0 33.0





#35
Dibromofluoromethane
Concen: 51.349 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. 0.000 min
Lab File: VD073839.D
Acq: 12 Jul 2022 15:27

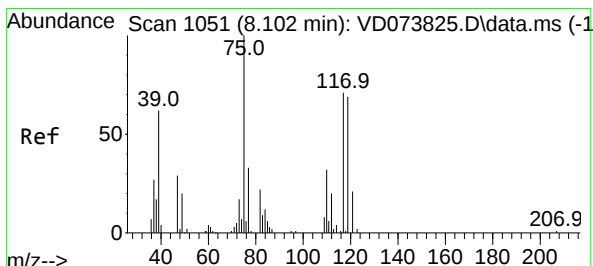
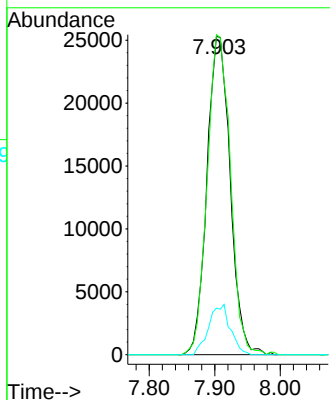
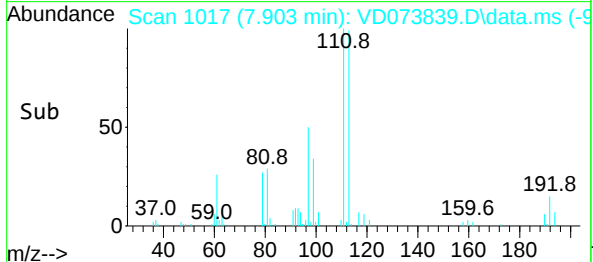
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBS01



Tgt Ion: 113 Resp: 62220
Ion Ratio Lower Upper
113 100
111 100.2 82.2 123.4
192 14.6 12.3 18.5

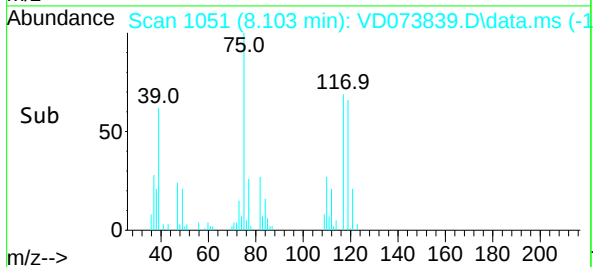
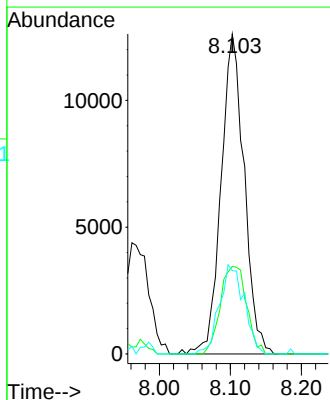
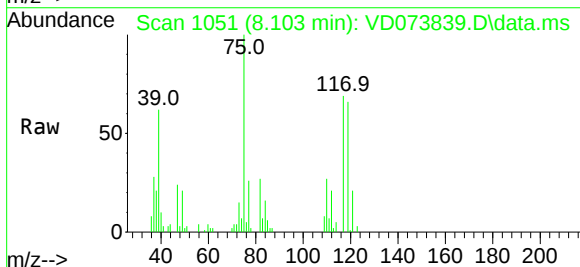
Manual Integrations
APPROVED

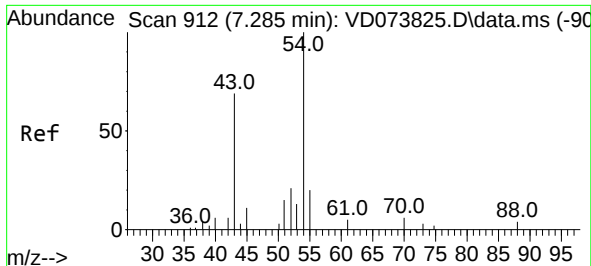
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#36
1,1-Dichloropropene
Concen: 23.218 ug/l
RT: 8.103 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VD073839.D
Acq: 12 Jul 2022 15:27

Tgt Ion: 75 Resp: 28468
Ion Ratio Lower Upper
75 100
110 31.0 16.0 47.9
77 29.9 25.3 37.9





#37

Ethyl Acetate

Concen: 21.275 ug/l

RT: 7.285 min Scan# 912

Delta R.T. 0.000 min

Lab File: VD073839.D

Acq: 12 Jul 2022 15:27

Instrument :

MSVOA_D

ClientSampleId :

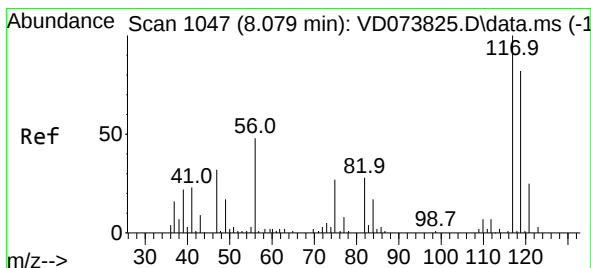
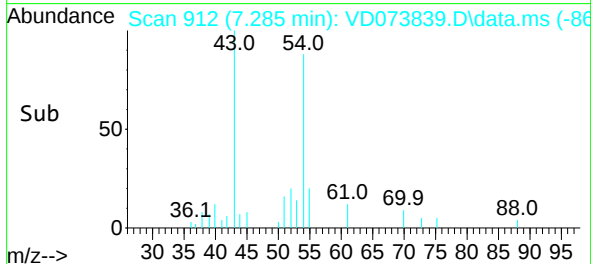
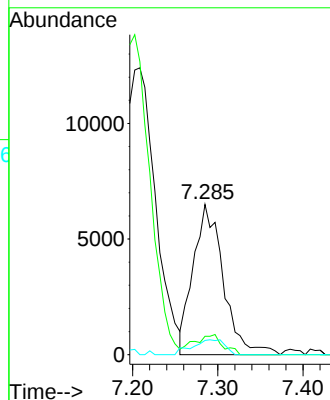
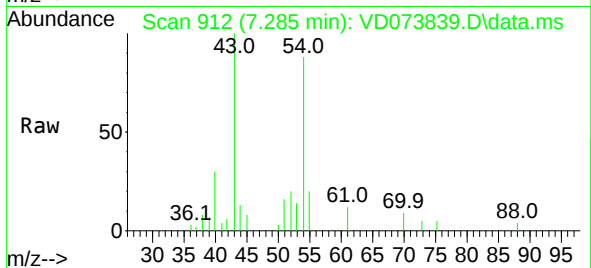
VD0712SBSD01

Tgt Ion: 43	Resp: 1596
Ion Ratio	Lower Upper
43 100	
61 12.8	10.8 16.2
70 10.6	7.5 11.3

Manual Integrations
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Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#38

Carbon Tetrachloride

Concen: 21.403 ug/l

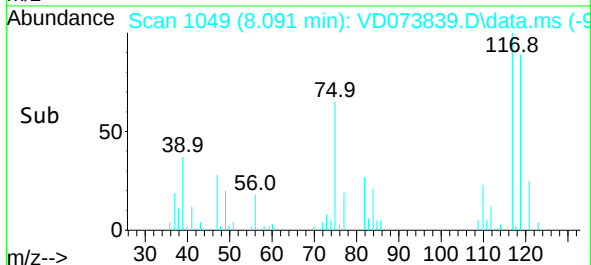
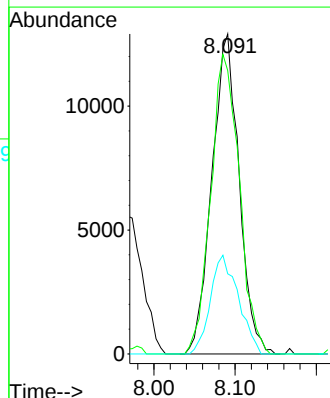
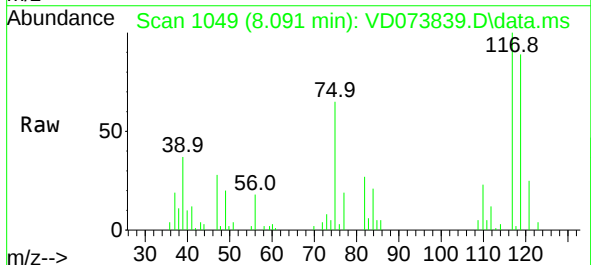
RT: 8.091 min Scan# 1049

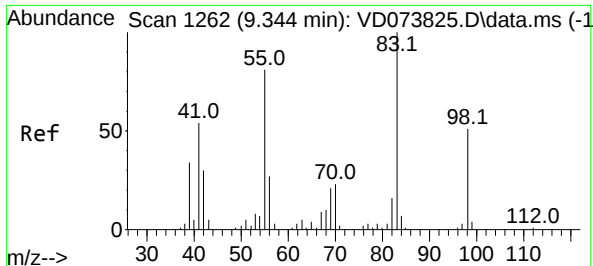
Delta R.T. 0.012 min

Lab File: VD073839.D

Acq: 12 Jul 2022 15:27

Tgt Ion: 117	Resp: 29971
Ion Ratio	Lower Upper
117 100	
119 88.5	65.6 98.4
121 25.0	20.1 30.1





#39

Methylcyclohexane

Concen: 22.505 ug/l

RT: 9.350 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD073839.D

Acq: 12 Jul 2022 15:27

Instrument :

MSVOA_D

ClientSampleId :

VD0712SBSD01

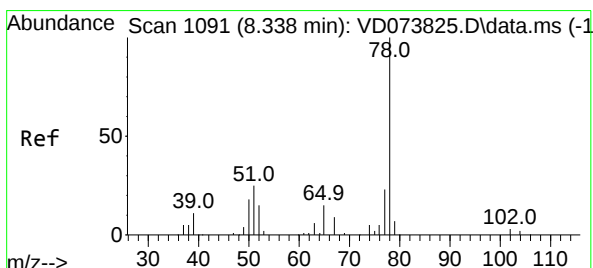
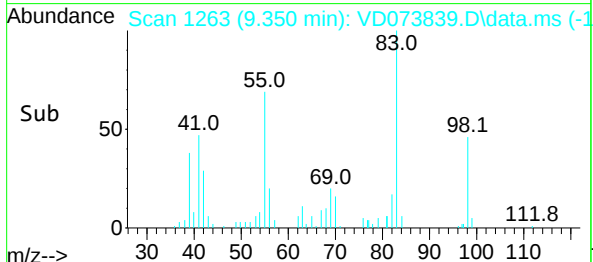
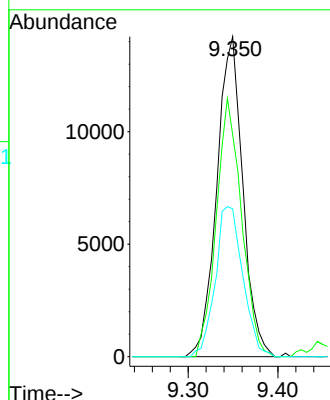
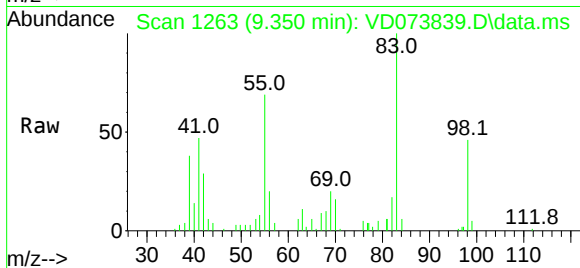
Tgt Ion: 83	Resp: 2856
Ion Ratio	Lower Upper
83 100	
55 69.4	64.8 97.2
98 46.2	41.0 61.4

Manual Integrations

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Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#40

Benzene

Concen: 22.205 ug/l

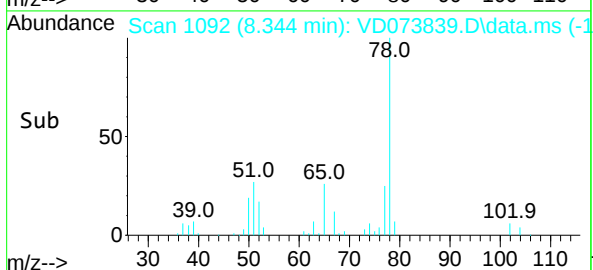
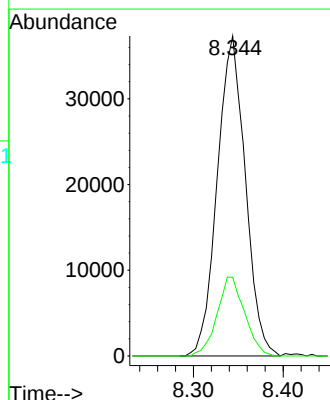
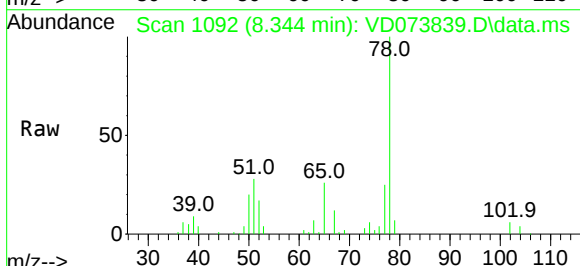
RT: 8.344 min Scan# 1092

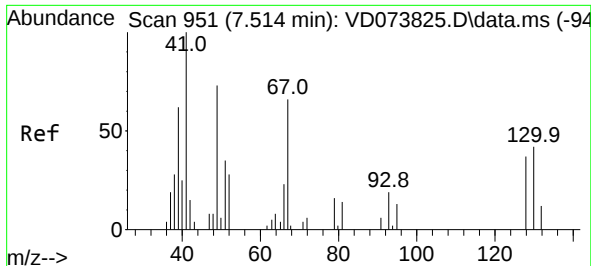
Delta R.T. 0.006 min

Lab File: VD073839.D

Acq: 12 Jul 2022 15:27

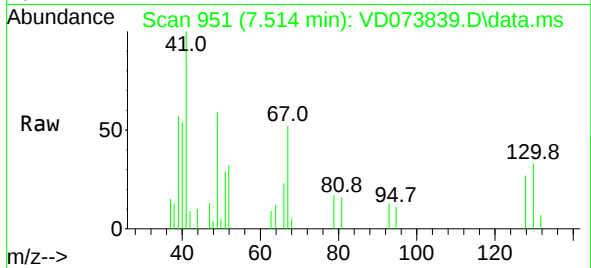
Tgt Ion: 78	Resp: 81055
Ion Ratio	Lower Upper
78 100	
77 24.6	18.8 28.2





#41
Methacrylonitrile
Concen: 19.308 ug/l
RT: 7.514 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD073839.D
Acq: 12 Jul 2022 15:27

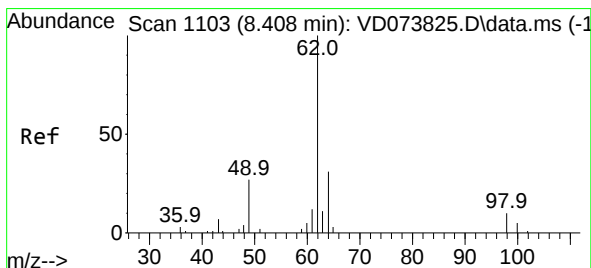
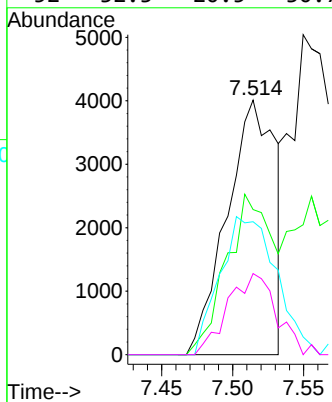
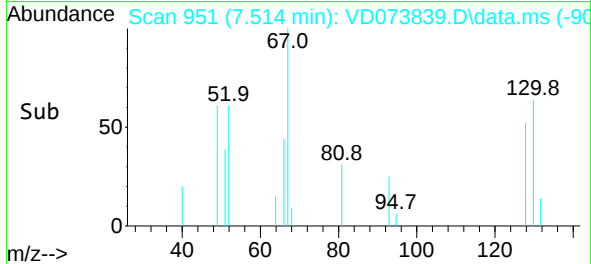
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBSD01



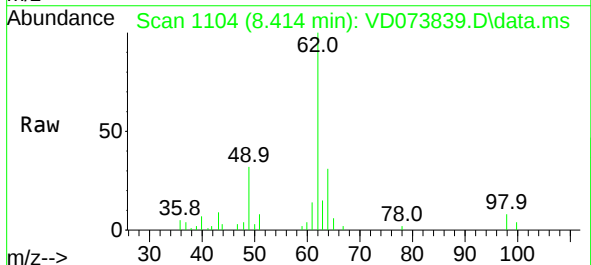
Tgt Ion: 41 Resp: 949
Ion Ratio Lower Upper
41 100
39 59.6 35.6 53.4
67 63.0 45.0 67.6
52 32.3 20.5 30.7#

Manual Integrations
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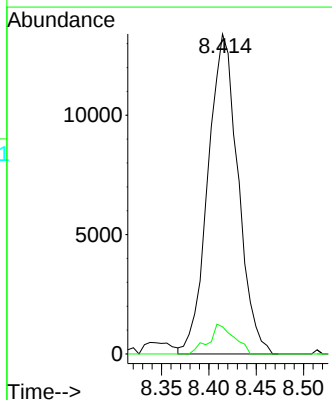
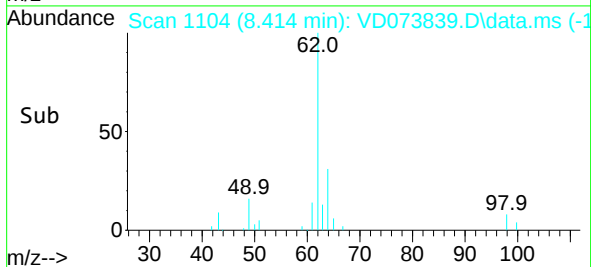
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

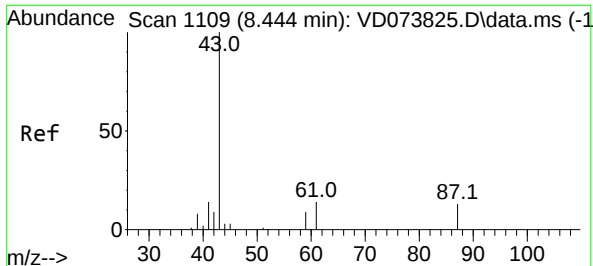


#42
1,2-Dichloroethane
Concen: 22.746 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. 0.006 min
Lab File: VD073839.D
Acq: 12 Jul 2022 15:27



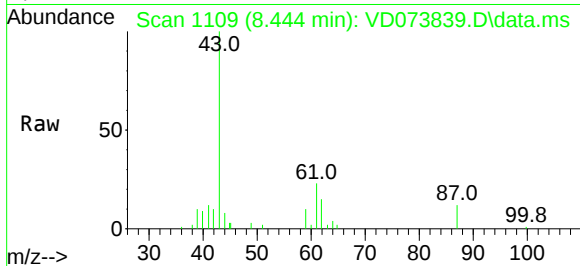
Tgt Ion: 62 Resp: 29571
Ion Ratio Lower Upper
62 100
98 7.7 0.0 16.2





#43
Isopropyl Acetate
Concen: 21.075 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VD073839.D
Acq: 12 Jul 2022 15:27

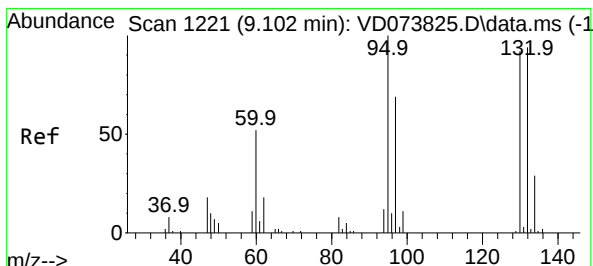
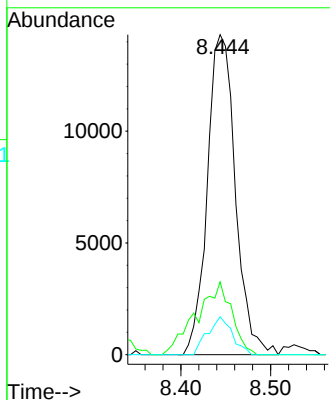
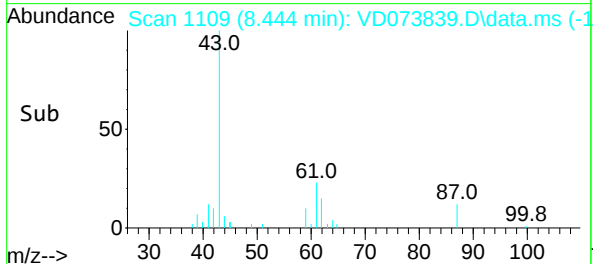
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBSD01



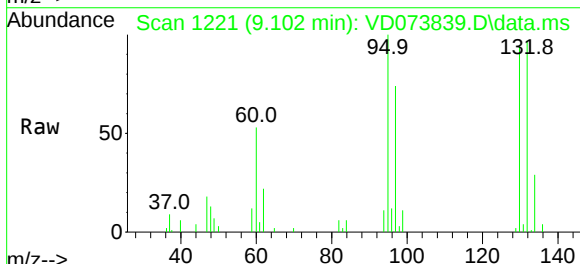
Tgt Ion: 43 Resp: 31110
Ion Ratio Lower Upper
43 100
61 28.7 22.2 33.2
87 10.4 9.7 14.5

Manual Integrations
APPROVED

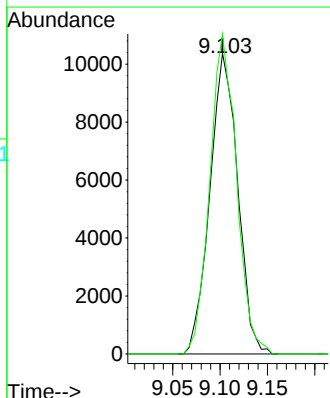
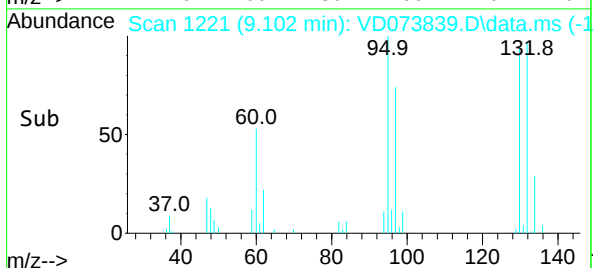
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

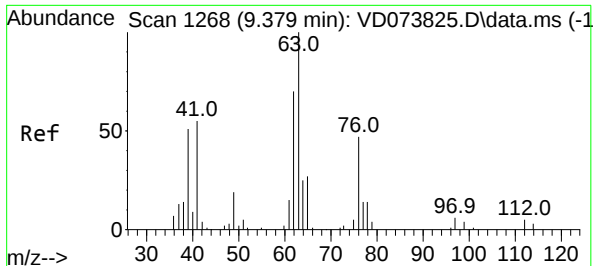


#44
Trichloroethene
Concen: 22.235 ug/l
RT: 9.102 min Scan# 1221
Delta R.T. 0.000 min
Lab File: VD073839.D
Acq: 12 Jul 2022 15:27



Tgt Ion:130 Resp: 21179
Ion Ratio Lower Upper
130 100
95 106.5 0.0 217.0





#45

1,2-Dichloropropane

Concen: 22.573 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. 0.000 min

Lab File: VD073839.D

Acq: 12 Jul 2022 15:27

Instrument :

MSVOA_D

ClientSampleId :

VD0712SBSD01

Tgt Ion: 63 Resp: 2438

Ion Ratio Lower Upper

63 100

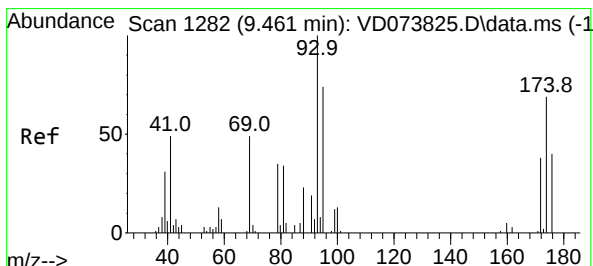
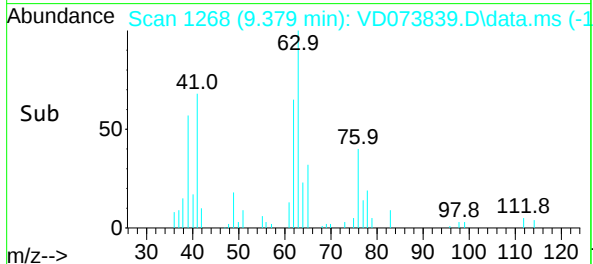
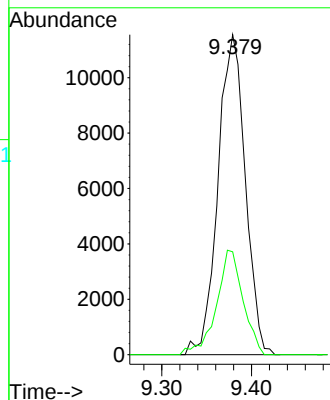
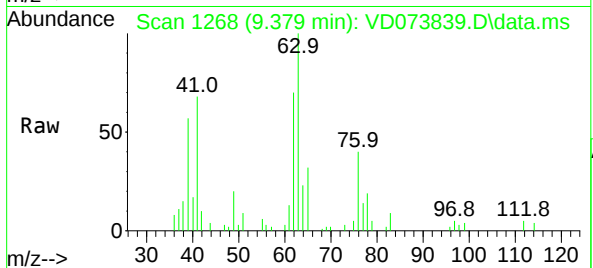
65 32.1 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#46

Dibromomethane

Concen: 23.270 ug/l

RT: 9.461 min Scan# 1282

Delta R.T. 0.000 min

Lab File: VD073839.D

Acq: 12 Jul 2022 15:27

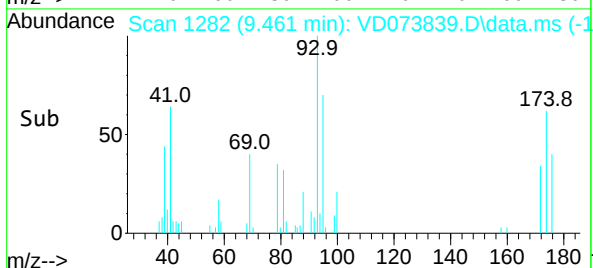
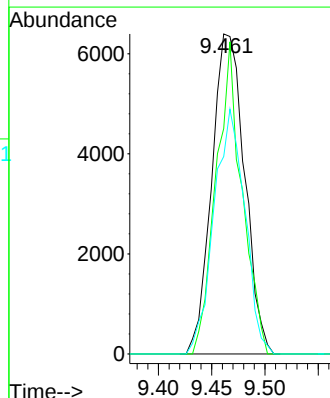
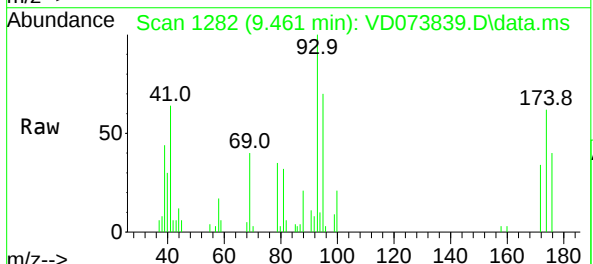
Tgt Ion: 93 Resp: 13678

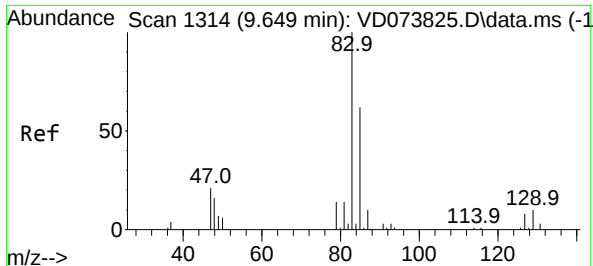
Ion Ratio Lower Upper

93 100

95 77.2 61.8 92.6

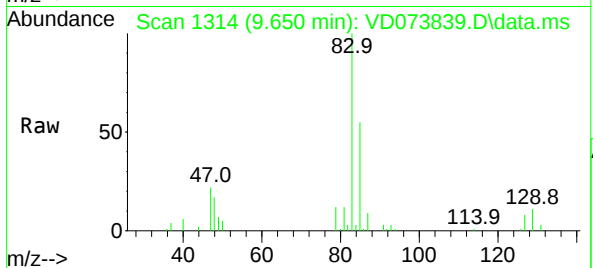
174 71.9 58.7 88.1





#47
Bromodichloromethane
Concen: 22.164 ug/l
RT: 9.650 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073839.D
Acq: 12 Jul 2022 15:27

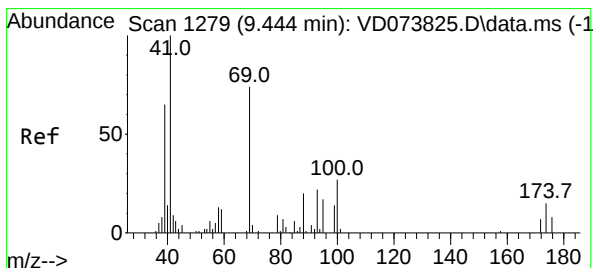
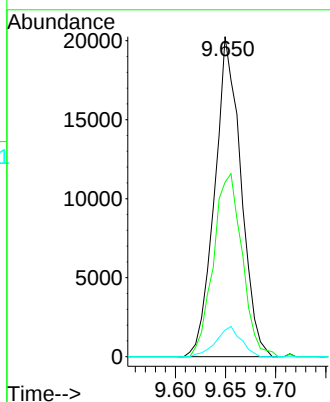
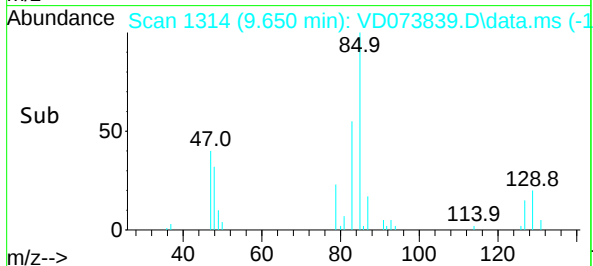
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBSD01



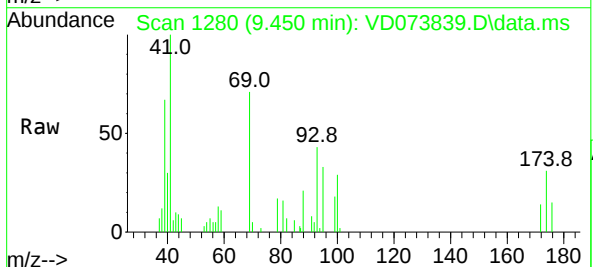
Tgt Ion: 83 Resp: 3684
Ion Ratio Lower Upper
83 100
85 54.6 50.0 75.0
127 8.3 6.2 9.2

Manual Integrations
APPROVED

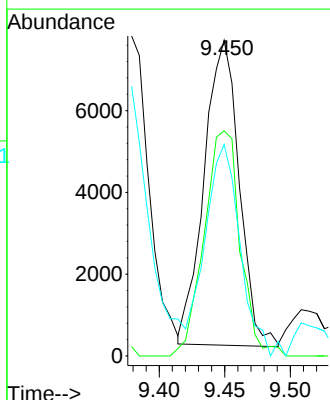
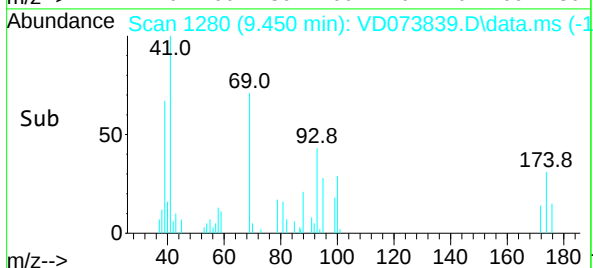
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

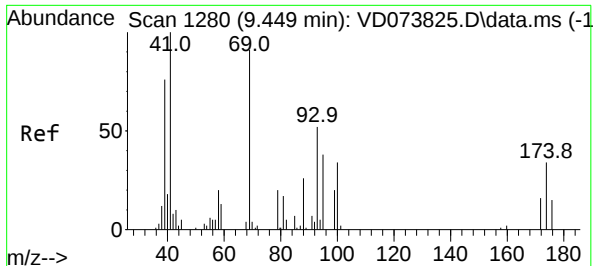


#48
Methyl methacrylate
Concen: 20.678 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. 0.006 min
Lab File: VD073839.D
Acq: 12 Jul 2022 15:27



Tgt Ion: 41 Resp: 13865
Ion Ratio Lower Upper
41 100
69 75.9 63.4 95.2
39 69.2 55.6 83.4





#49

1,4-Dioxane

Concen: 418.297 ug/l

RT: 9.450 min Scan# 11

Delta R.T. 0.001 min

Lab File: VD073839.D

Acq: 12 Jul 2022 15:27

Instrument :

MSVOA_D

ClientSampleId :

VD0712SBSD01

Tgt Ion: 88 Resp: 314

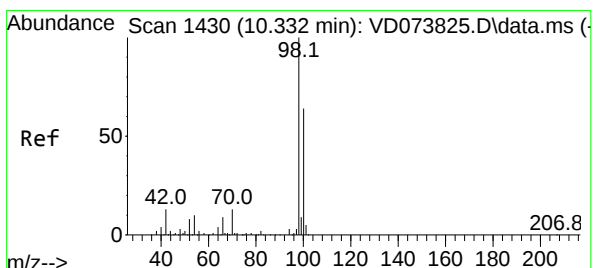
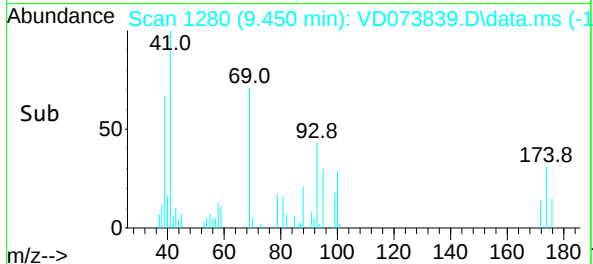
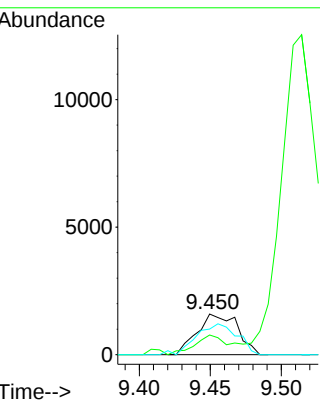
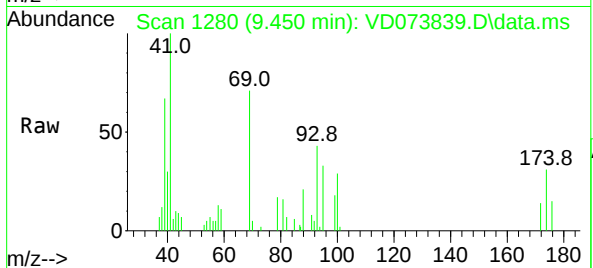
Ion	Ratio	Lower	Upper
88	100		
43	43.9	34.2	51.4
58	77.8	54.8	82.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#50

Toluene-d8

Concen: 43.801 ug/l

RT: 10.332 min Scan# 1430

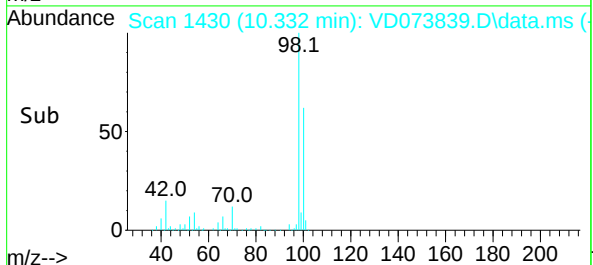
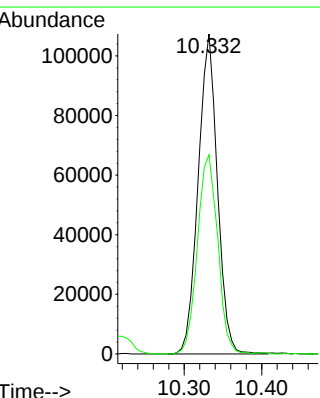
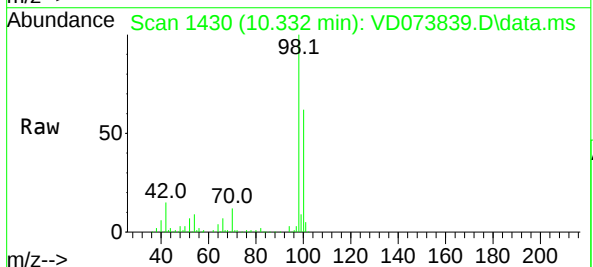
Delta R.T. 0.000 min

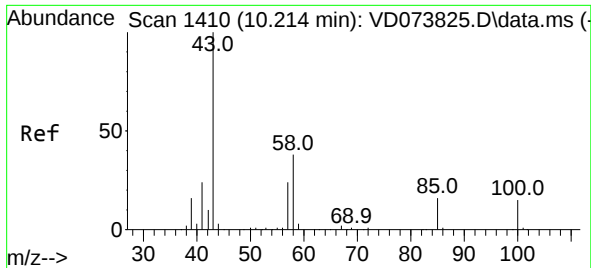
Lab File: VD073839.D

Acq: 12 Jul 2022 15:27

Tgt Ion: 98 Resp: 185086

Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.9	79.3





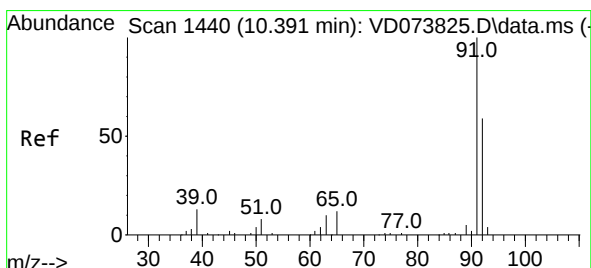
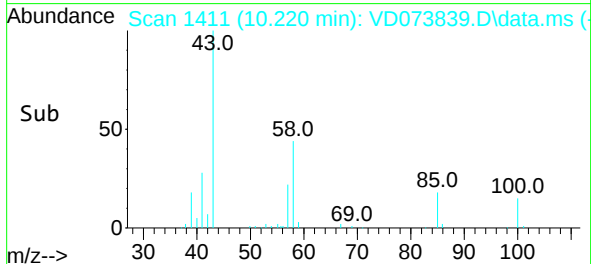
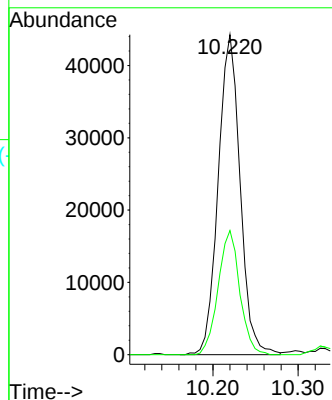
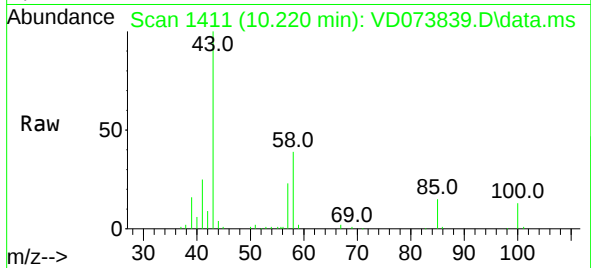
#51
4-Methyl-2-Pentanone
Concen: 100.757 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.006 min
Lab File: VD073839.D
Acq: 12 Jul 2022 15:27

Instrument :
MSVOA_D
ClientSampleId :
VD0712SBSD01

Tgt Ion: 43 Resp: 79258
Ion Ratio Lower Upper
43 100
58 38.2 29.3 43.9

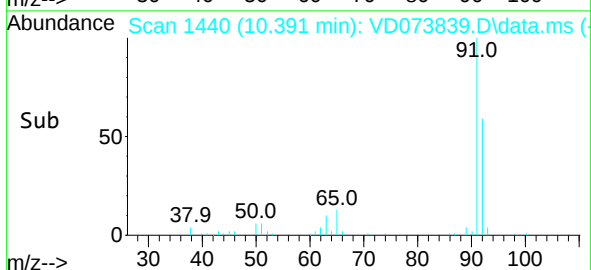
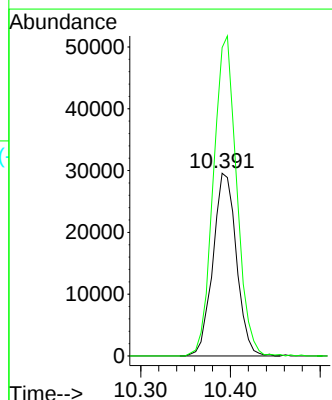
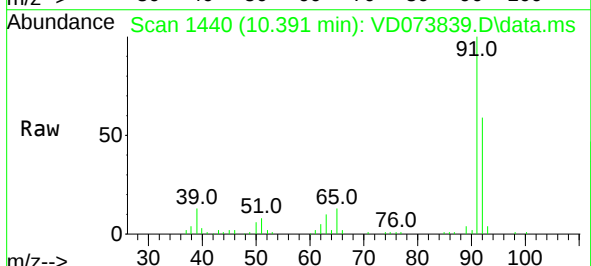
Manual Integrations
APPROVED

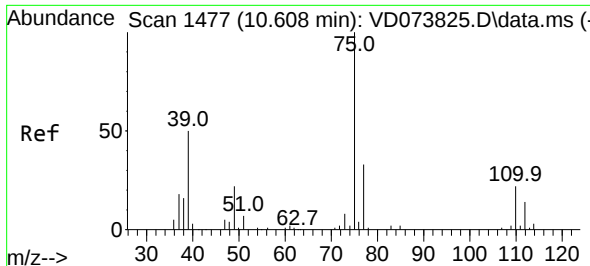
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#52
Toluene
Concen: 21.897 ug/l
RT: 10.391 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VD073839.D
Acq: 12 Jul 2022 15:27

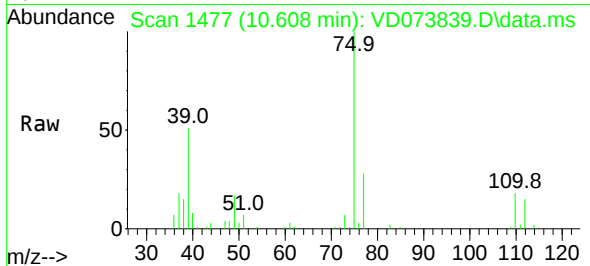
Tgt Ion: 92 Resp: 53675
Ion Ratio Lower Upper
92 100
91 173.7 138.4 207.6





#53
t-1,3-Dichloropropene
Concen: 21.059 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VD073839.D
Acq: 12 Jul 2022 15:27

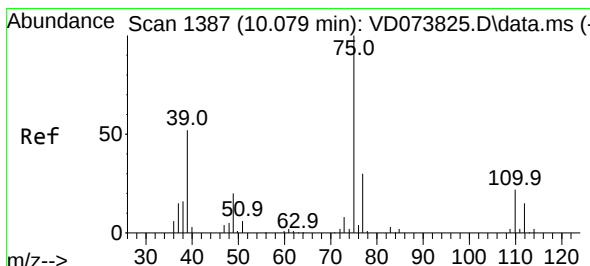
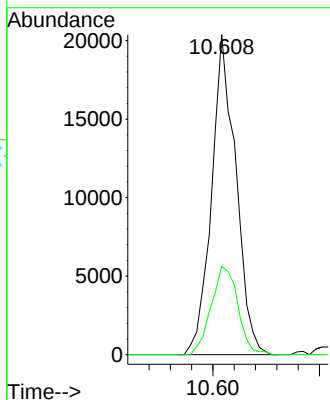
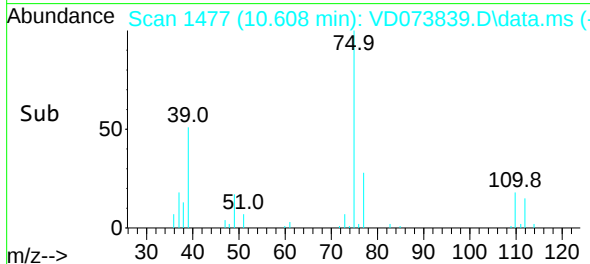
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBS01



Tgt Ion: 75 Resp: 3217
Ion Ratio Lower Upper
75 100
77 27.6 26.4 39.6

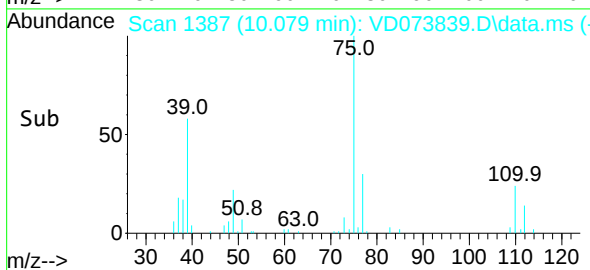
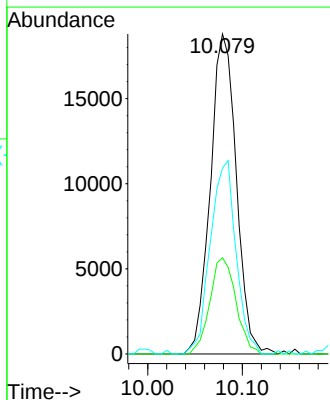
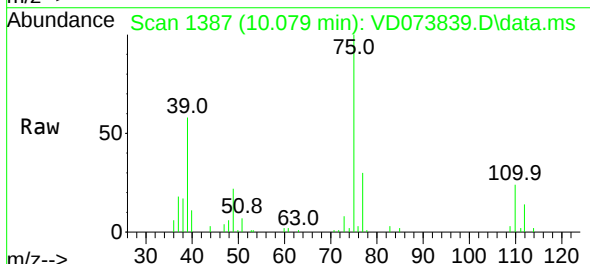
Manual Integrations
APPROVED

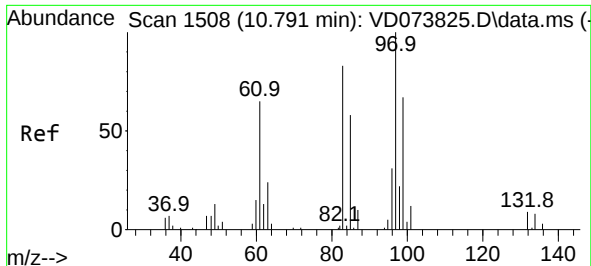
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#54
cis-1,3-Dichloropropene
Concen: 21.191 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VD073839.D
Acq: 12 Jul 2022 15:27

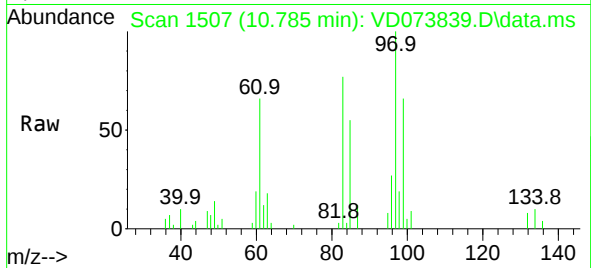
Tgt Ion: 75 Resp: 35792
Ion Ratio Lower Upper
75 100
77 30.1 24.2 36.4
39 58.1 41.4 62.2





#55
1,1,2-Trichloroethane
Concen: 21.481 ug/l
RT: 10.785 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VD073839.D
Acq: 12 Jul 2022 15:27

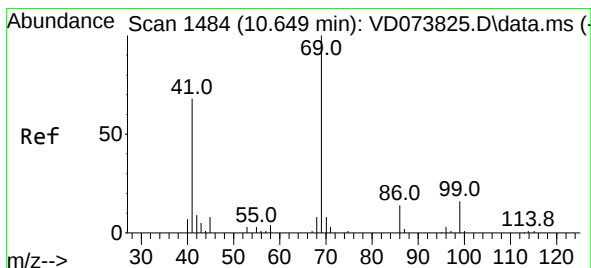
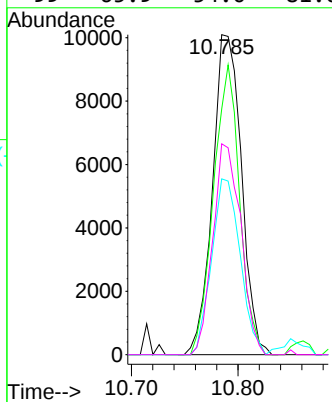
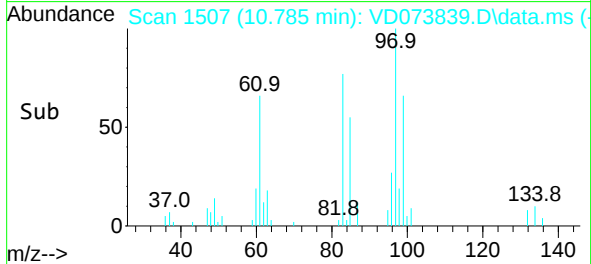
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBS01



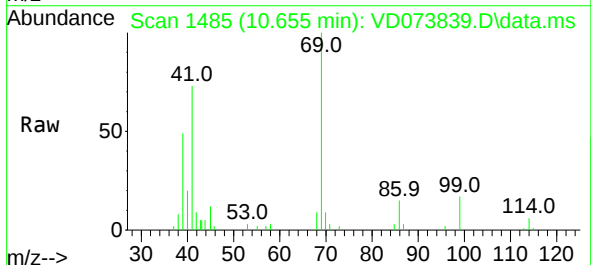
Tgt Ion:	97	Resp:	19000
Ion	Ratio	Lower	Upper
97	100		
83	76.8	66.8	100.2
85	55.0	46.6	69.8
99	65.9	54.0	81.0

Manual Integrations
APPROVED

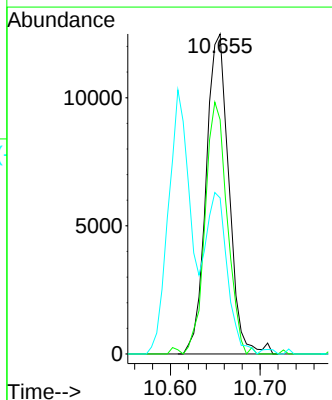
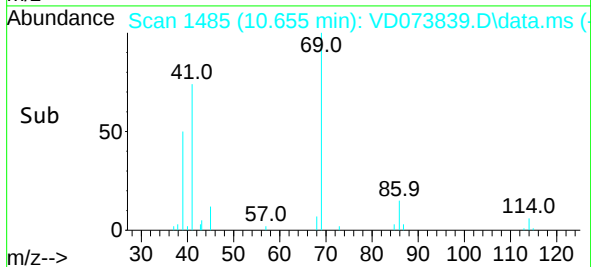
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

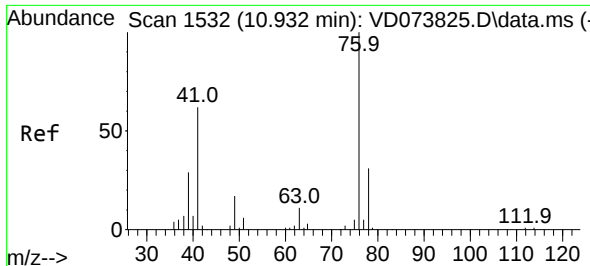


#56
Ethyl methacrylate
Concen: 20.562 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.006 min
Lab File: VD073839.D
Acq: 12 Jul 2022 15:27



Tgt Ion:	69	Resp:	22004
Ion	Ratio	Lower	Upper
69	100		
41	76.3	55.3	82.9
39	47.8	35.9	53.9





#57

1,3-Dichloropropane

Concen: 21.786 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. 0.006 min

Lab File: VD073839.D

Acq: 12 Jul 2022 15:27

Instrument :

MSVOA_D

ClientSampleId :

VD0712SBSD01

Tgt Ion: 76 Resp: 3274

Ion Ratio Lower Upper

76 100

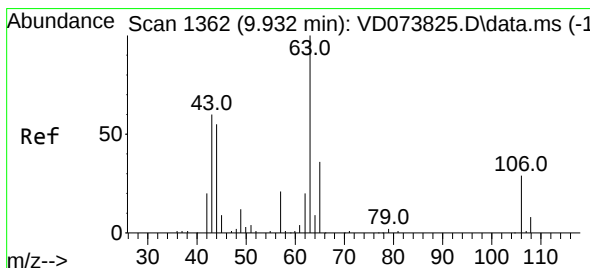
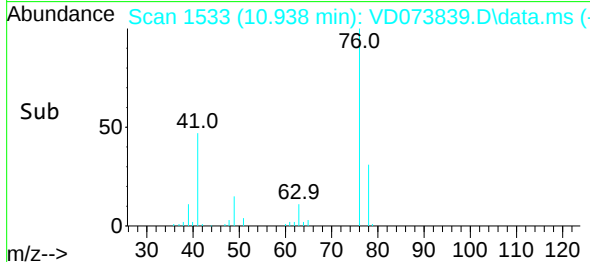
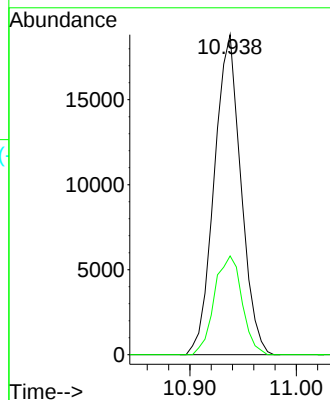
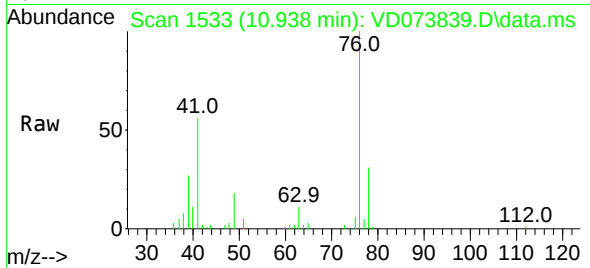
78 31.8 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#58

2-Chloroethyl Vinyl ether

Concen: 94.799 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VD073839.D

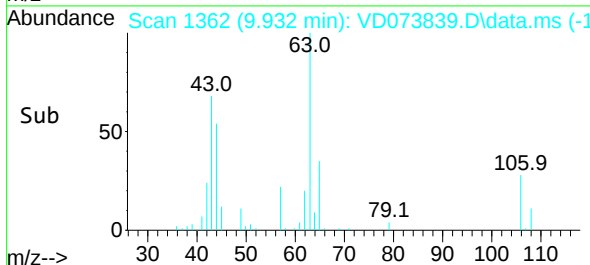
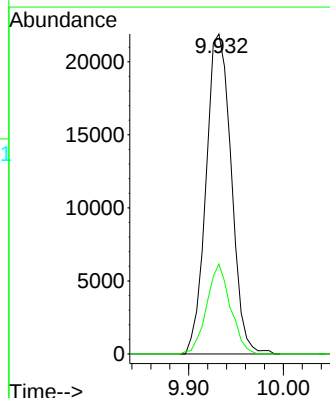
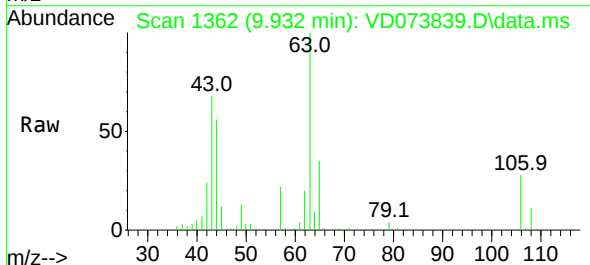
Acq: 12 Jul 2022 15:27

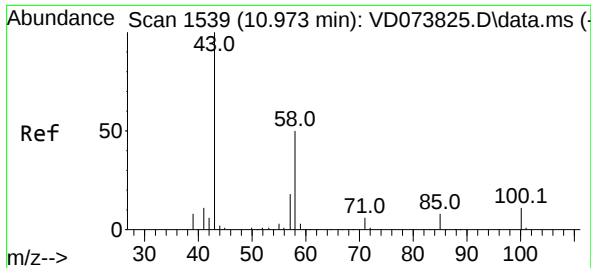
Tgt Ion: 63 Resp: 40410

Ion Ratio Lower Upper

63 100

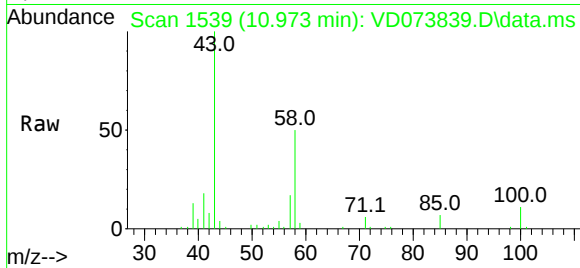
106 26.4 21.3 31.9





#59
2-Hexanone
Concen: 100.919 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VD073839.D
Acq: 12 Jul 2022 15:27

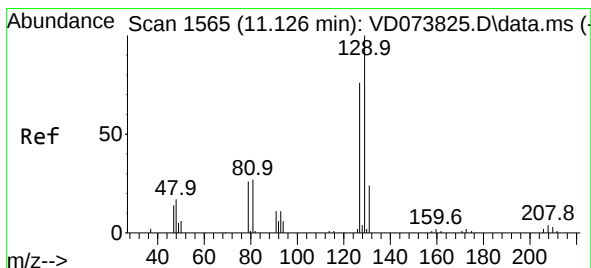
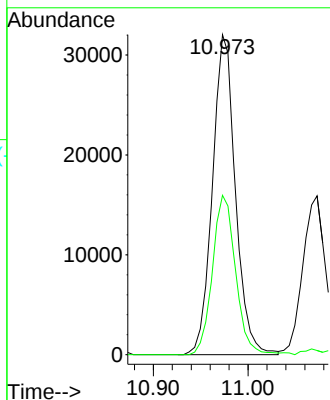
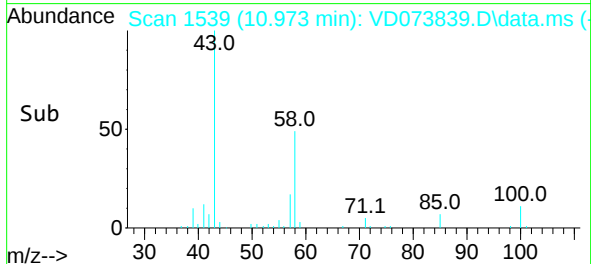
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBSD01



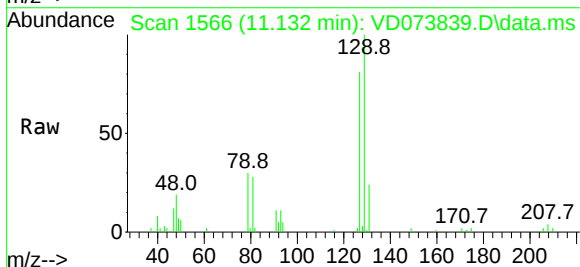
Tgt Ion: 43 Resp: 5404
Ion Ratio Lower Upper
43 100
58 50.2 25.3 75.9

Manual Integrations
APPROVED

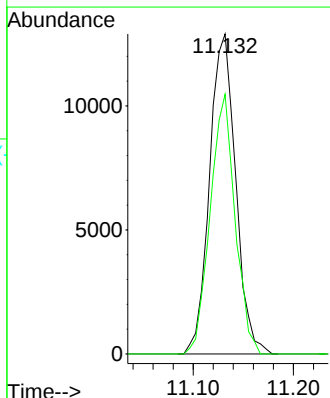
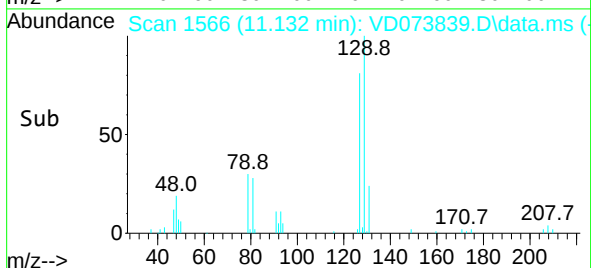
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

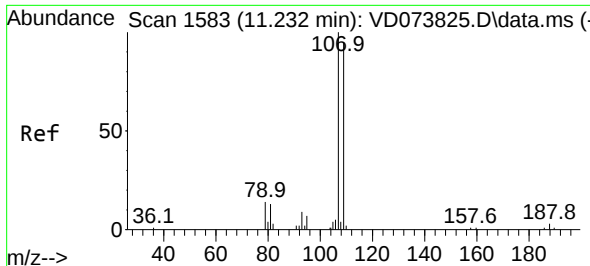


#60
Dibromochloromethane
Concen: 21.271 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.006 min
Lab File: VD073839.D
Acq: 12 Jul 2022 15:27



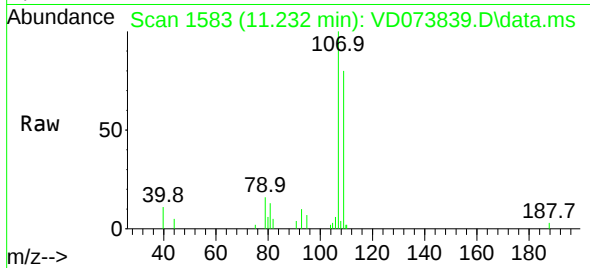
Tgt Ion:129 Resp: 23337
Ion Ratio Lower Upper
129 100
127 77.2 38.7 116.1





#61
1,2-Dibromoethane
Concen: 21.816 ug/l
RT: 11.232 min Scan# 1583
Delta R.T. -0.000 min
Lab File: VD073839.D
Acq: 12 Jul 2022 15:27

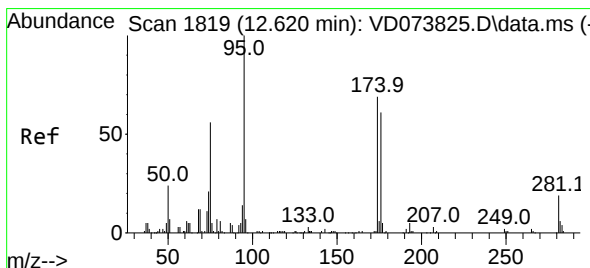
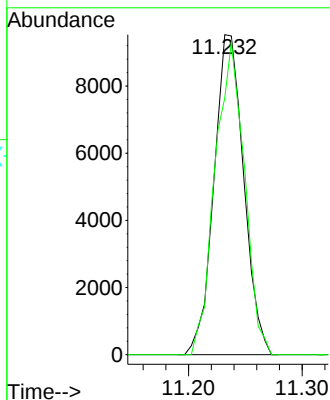
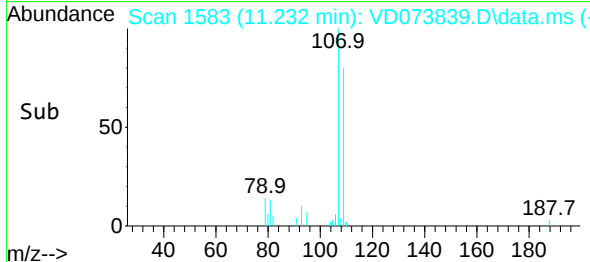
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBS01



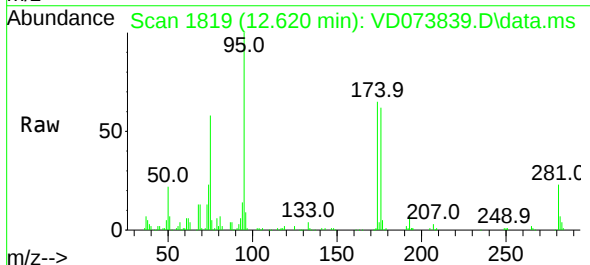
Tgt Ion:107 Resp: 1733
Ion Ratio Lower Upper
107 100
109 96.3 73.2 109.8

Manual Integrations
APPROVED

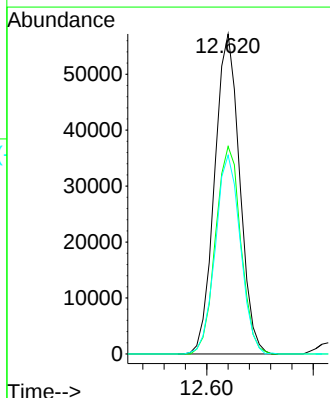
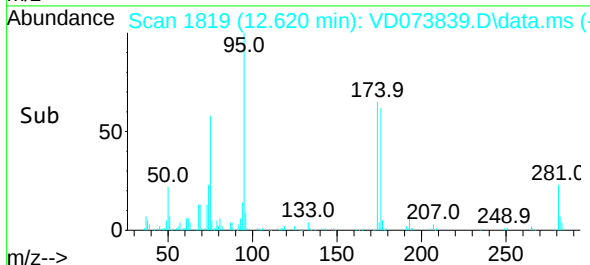
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

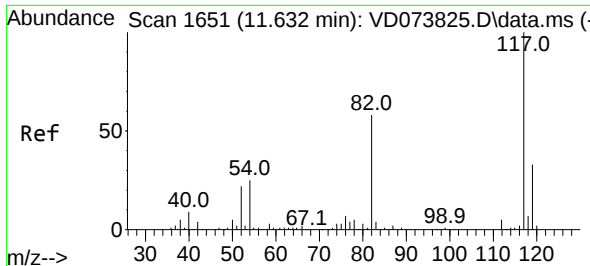


#62
4-Bromofluorobenzene
Concen: 52.069 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073839.D
Acq: 12 Jul 2022 15:27



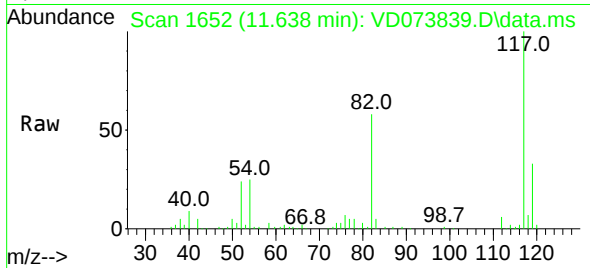
Tgt Ion: 95 Resp: 93226
Ion Ratio Lower Upper
95 100
174 65.3 0.0 131.8
176 62.0 0.0 124.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11638
Delta R.T. 0.006 min
Lab File: VD073839.D
Acq: 12 Jul 2022 15:27

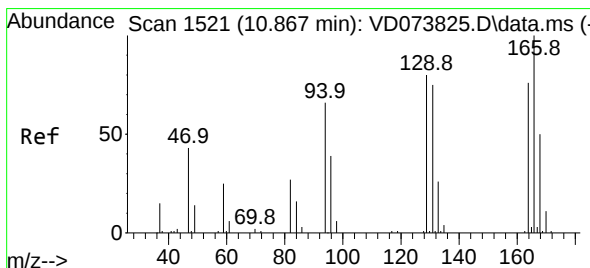
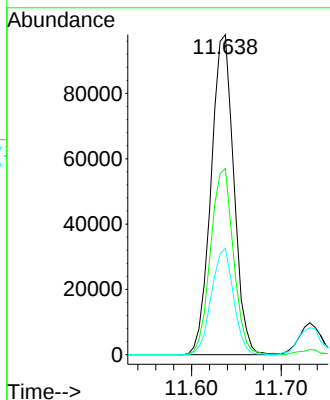
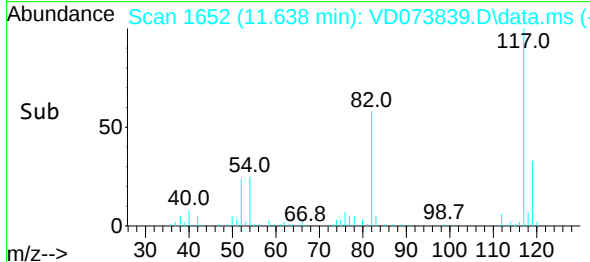
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBSD01



Tgt Ion:117 Resp: 17281
Ion Ratio Lower Upper
117 100
82 58.2 46.6 69.8
119 33.2 26.1 39.1

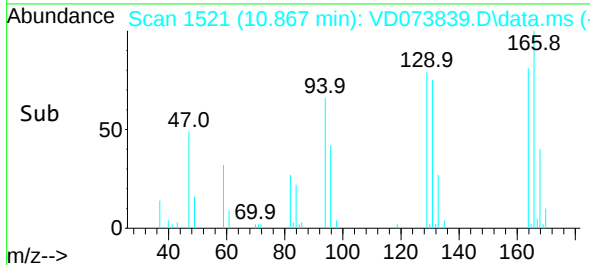
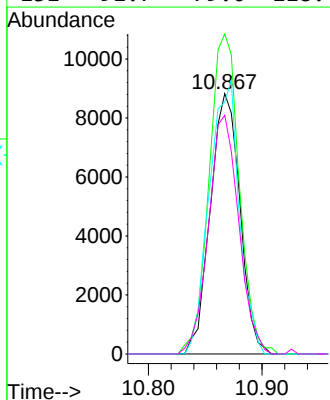
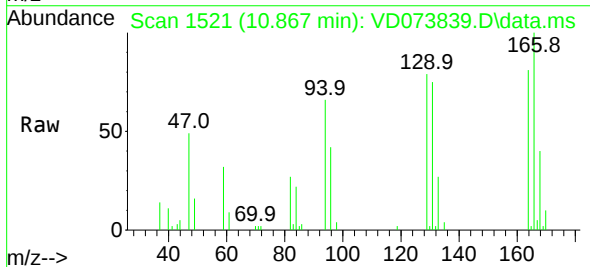
Manual Integrations
APPROVED

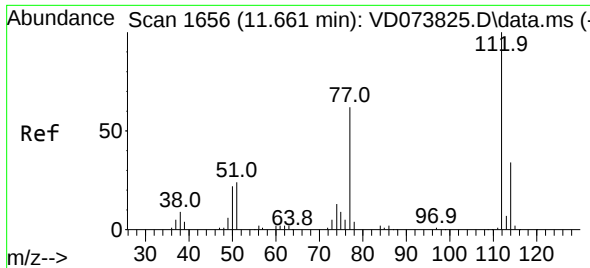
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#64
Tetrachloroethene
Concen: 21.450 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD073839.D
Acq: 12 Jul 2022 15:27

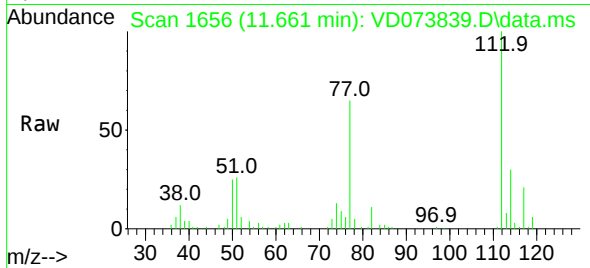
Tgt Ion:164 Resp: 15962
Ion Ratio Lower Upper
164 100
166 122.9 105.0 157.6
129 96.7 83.8 125.8
131 91.7 79.0 118.4





#65
Chlorobenzene
Concen: 21.467 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD073839.D
Acq: 12 Jul 2022 15:27

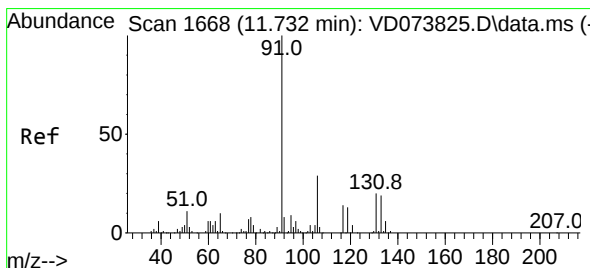
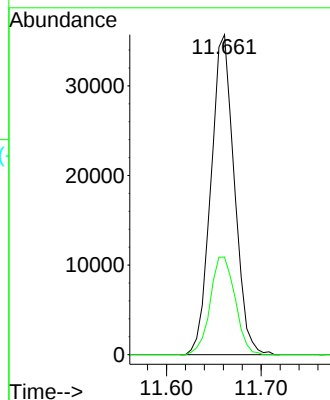
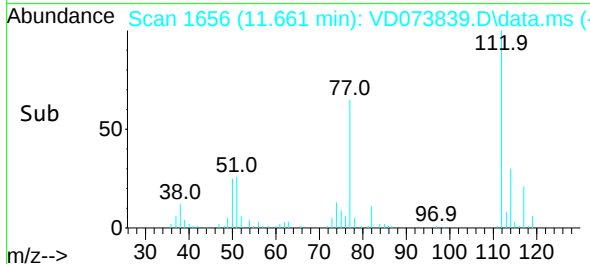
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBSD01



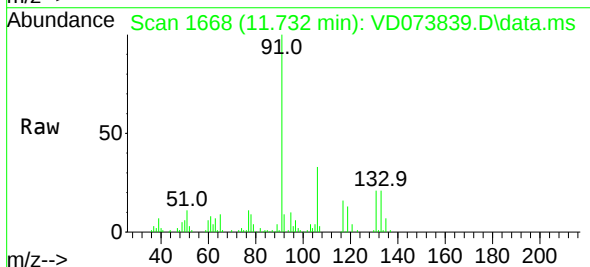
Tgt Ion:112 Resp: 6133
Ion Ratio Lower Upper
112 100
114 30.5 27.1 40.7

Manual Integrations
APPROVED

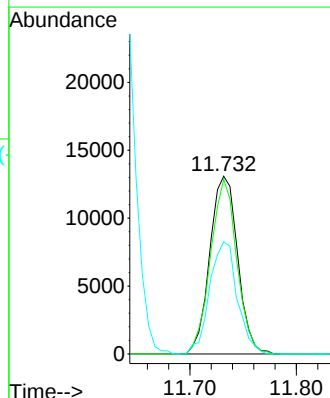
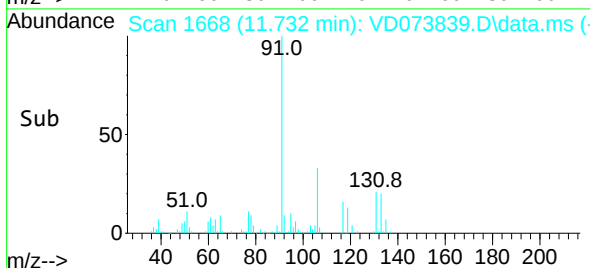
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

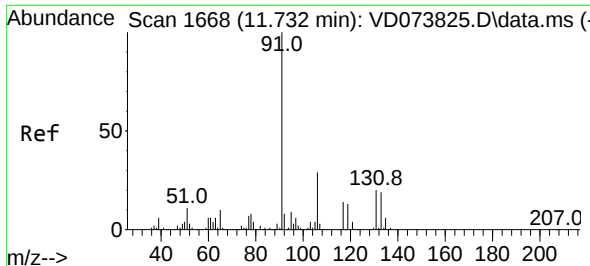


#66
1,1,1,2-Tetrachloroethane
Concen: 20.915 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VD073839.D
Acq: 12 Jul 2022 15:27



Tgt Ion:131 Resp: 23726
Ion Ratio Lower Upper
131 100
133 93.3 47.0 141.0
119 62.8 32.6 98.0





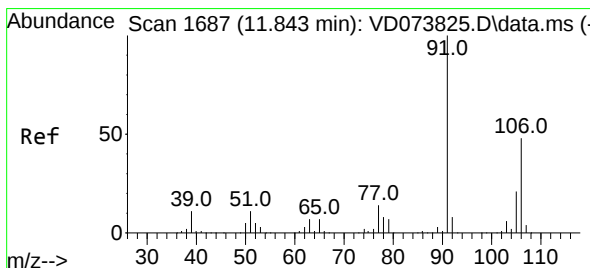
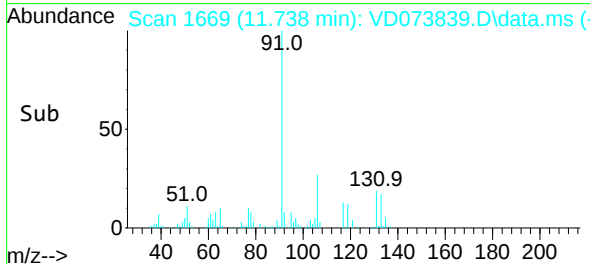
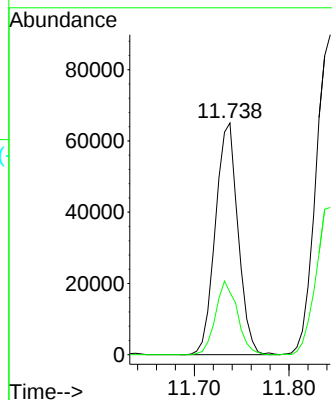
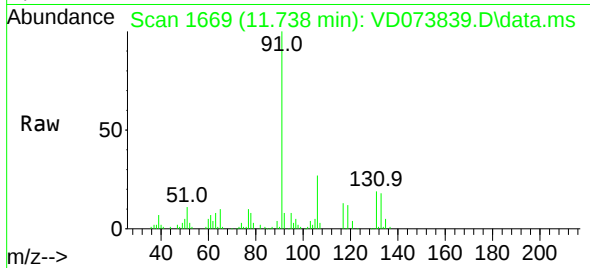
#67
Ethyl Benzene
Concen: 20.302 ug/l
RT: 11.738 min Scan# 1668
Delta R.T. 0.006 min
Lab File: VD073839.D
Acq: 12 Jul 2022 15:27

Instrument :
MSVOA_D
ClientSampleId :
VD0712SBSD01

Tgt Ion: 91 Resp: 10821
Ion Ratio Lower Upper
91 100
106 26.8 23.2 34.8

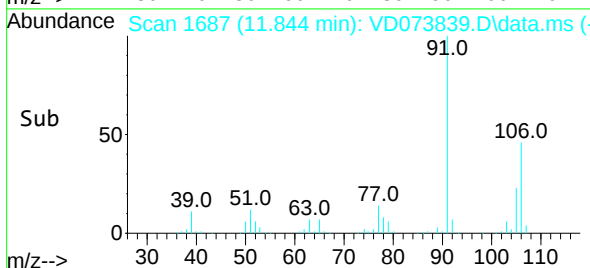
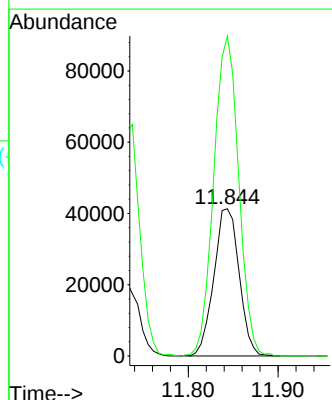
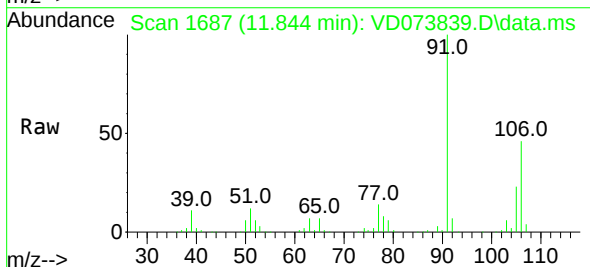
Manual Integrations
APPROVED

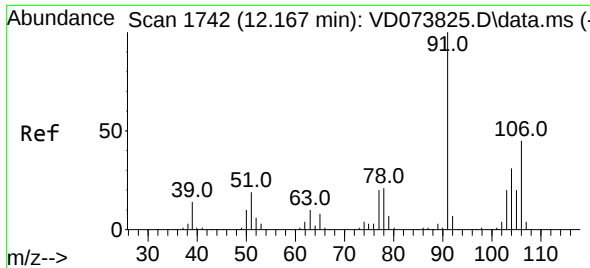
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#68
m/p-Xylenes
Concen: 41.358 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VD073839.D
Acq: 12 Jul 2022 15:27

Tgt Ion:106 Resp: 80848
Ion Ratio Lower Upper
106 100
91 214.2 167.0 250.4





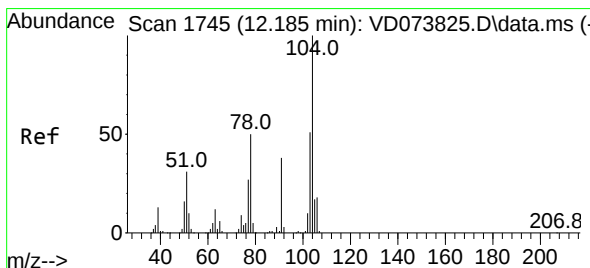
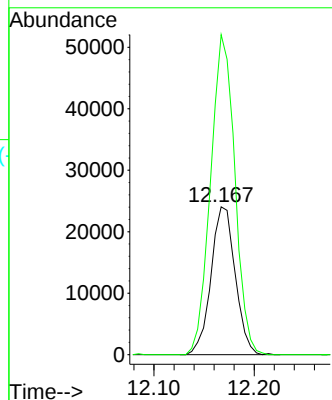
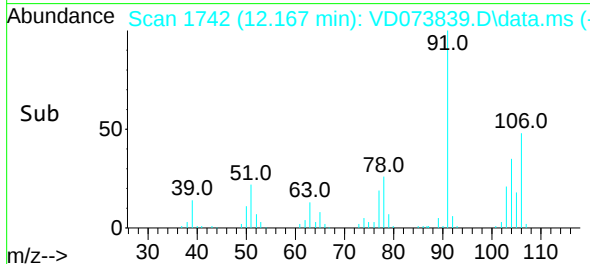
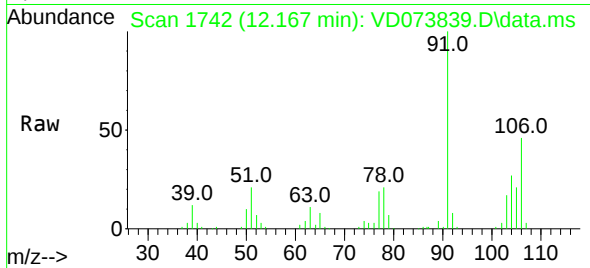
#69
o-Xylene
Concen: 20.809 ug/l
RT: 12.167 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073839.D
Acq: 12 Jul 2022 15:27

Instrument :
MSVOA_D
ClientSampleId :
VD0712SBSD01

Tgt Ion:106 Resp: 40330
Ion Ratio Lower Upper
106 100
91 216.9 110.4 331.2

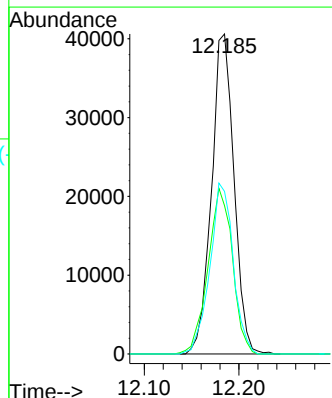
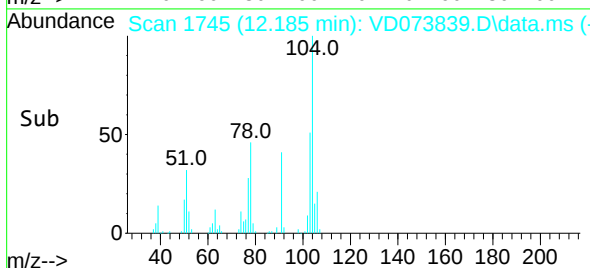
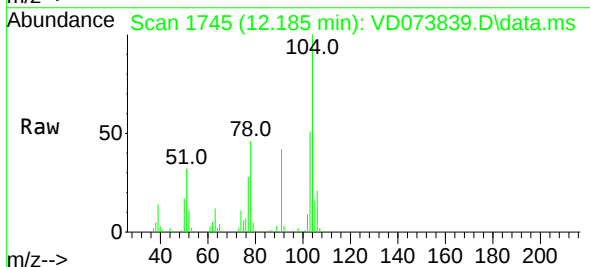
Manual Integrations
APPROVED

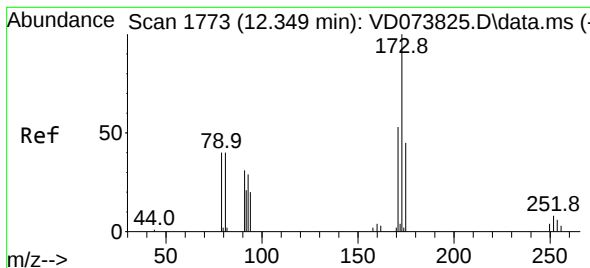
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#70
Styrene
Concen: 19.987 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD073839.D
Acq: 12 Jul 2022 15:27

Tgt Ion:104 Resp: 67074
Ion Ratio Lower Upper
104 100
78 56.3 42.8 64.2
103 55.5 44.5 66.7





#71

Bromoform

Concen: 20.707 ug/l

RT: 12.344 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD073839.D

Acq: 12 Jul 2022 15:27

Instrument :

MSVOA_D

ClientSampleId :

VD0712SBSD01

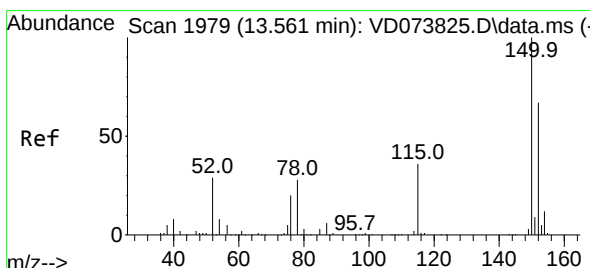
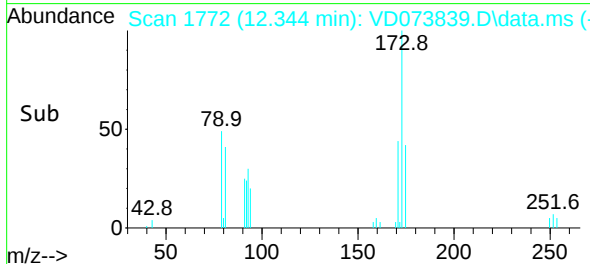
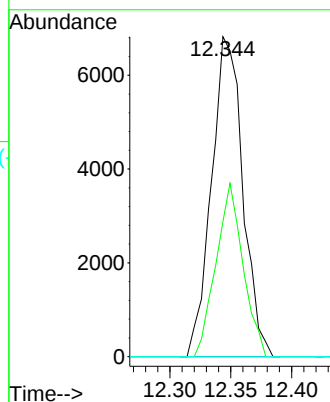
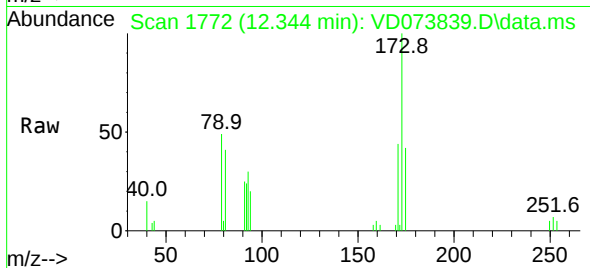
Tgt Ion:173	Resp:	12184
Ion Ratio	Lower	Upper
173	100	
175	46.7	23.4 70.0
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

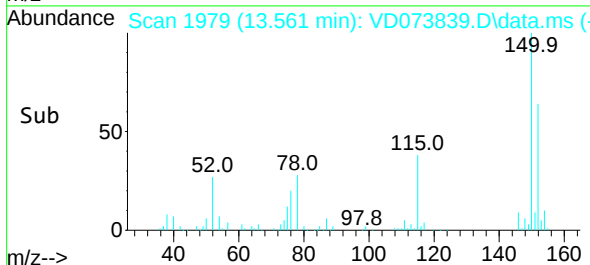
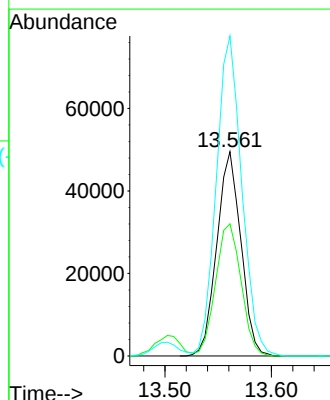
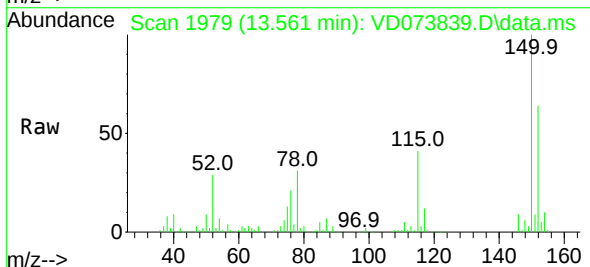
RT: 13.561 min Scan# 1979

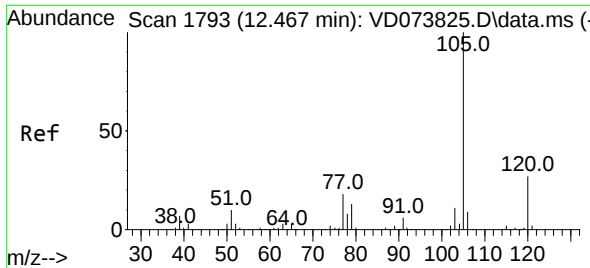
Delta R.T. 0.000 min

Lab File: VD073839.D

Acq: 12 Jul 2022 15:27

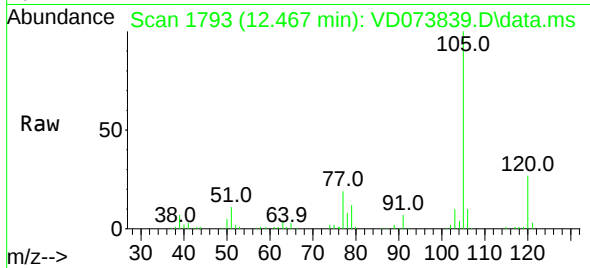
Tgt Ion:152	Resp:	77697
Ion Ratio	Lower	Upper
152	100	
115	68.5	33.5 100.5
150	165.7	0.0 343.2





#73
Isopropylbenzene
Concen: 20.261 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD073839.D
Acq: 12 Jul 2022 15:27

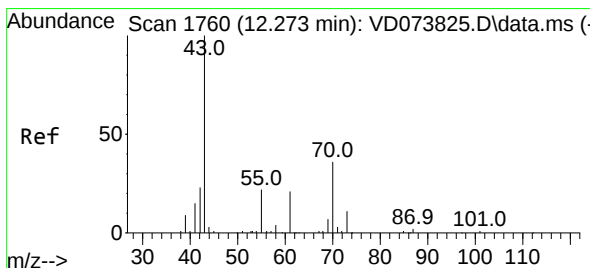
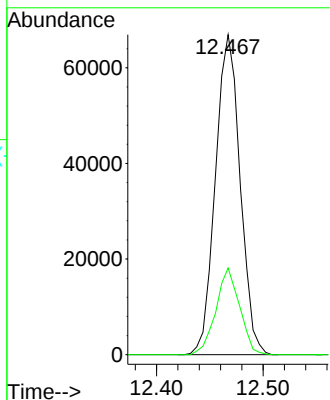
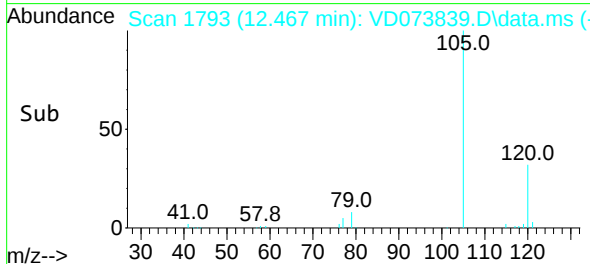
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBSD01



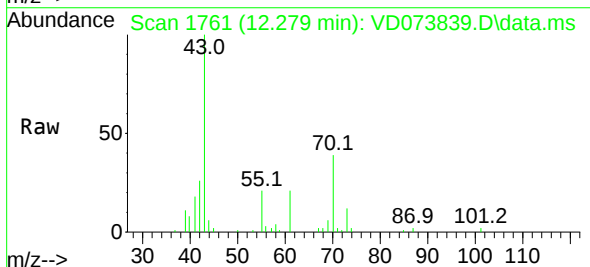
Tgt Ion:105 Resp: 107580
Ion Ratio Lower Upper
105 100
120 26.0 13.2 39.5

Manual Integrations
APPROVED

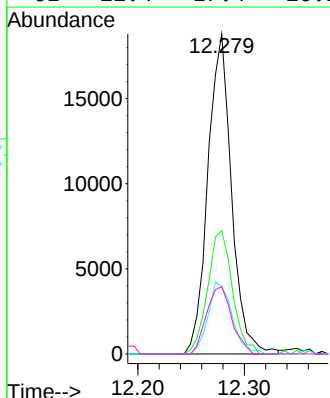
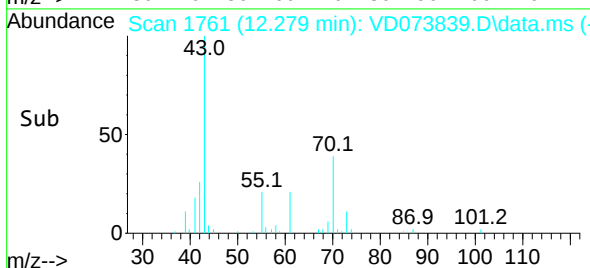
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

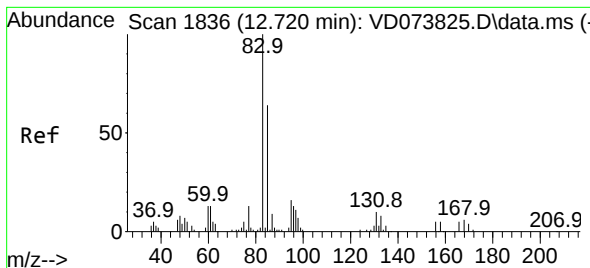


#74
N-ethyl acetate
Concen: 19.891 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.006 min
Lab File: VD073839.D
Acq: 12 Jul 2022 15:27



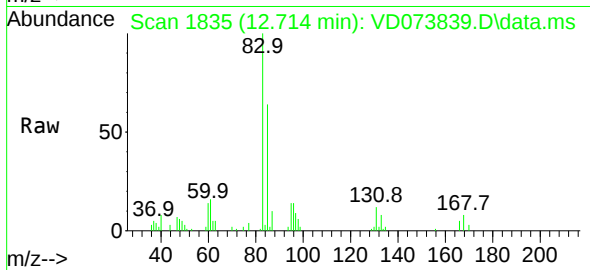
Tgt Ion: 43 Resp: 28981
Ion Ratio Lower Upper
43 100
70 40.3 30.0 45.0
55 22.8 17.4 26.0
61 22.4 17.4 26.2





#75
1,1,2,2-Tetrachloroethane
Concen: 21.135 ug/l
RT: 12.714 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VD073839.D
Acq: 12 Jul 2022 15:27

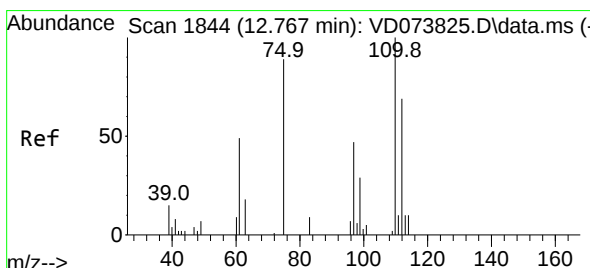
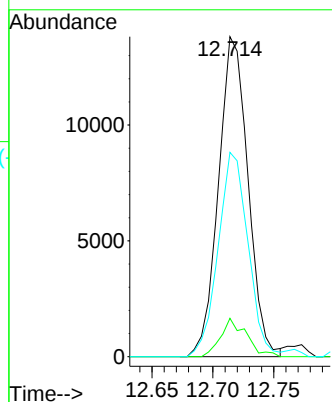
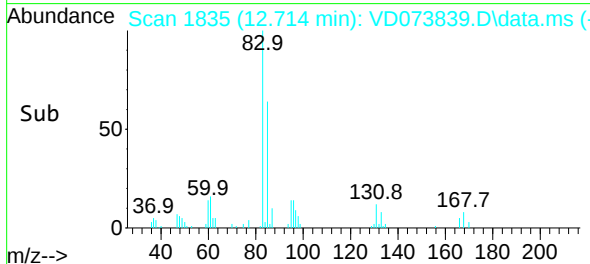
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBSD01



Tgt Ion: 83 Resp: 23336
Ion Ratio Lower Upper
83 100
131 10.5 5.1 15.2
85 64.7 32.5 97.4

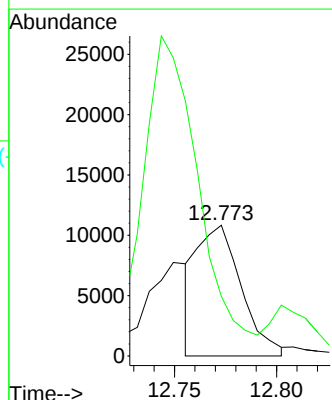
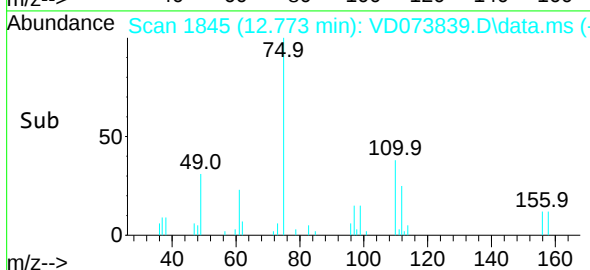
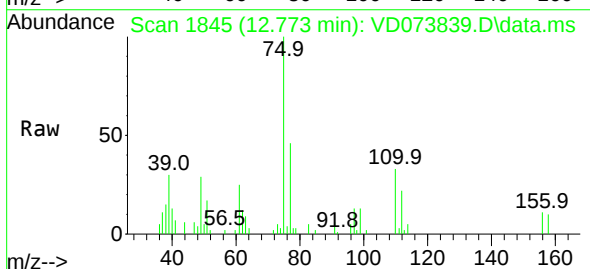
Manual Integrations
APPROVED

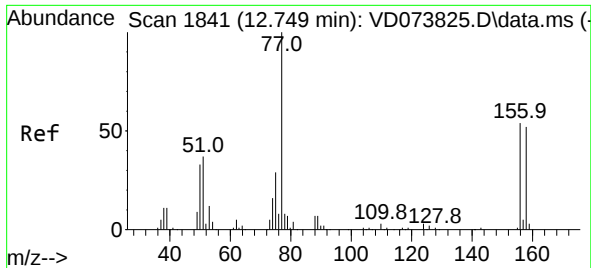
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#76
1,2,3-Trichloropropane
Concen: 19.541 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VD073839.D
Acq: 12 Jul 2022 15:27

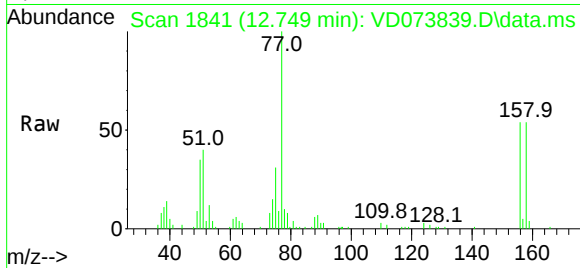
Tgt Ion: 75 Resp: 16425
Ion Ratio Lower Upper
75 100
77 0.0 138.0 414.0#





#77
Bromobenzene
Concen: 20.461 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD073839.D
Acq: 12 Jul 2022 15:27

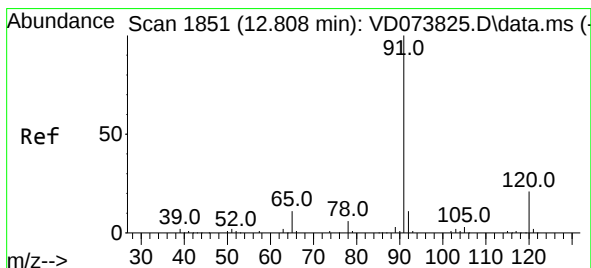
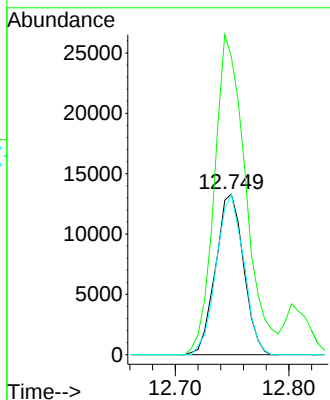
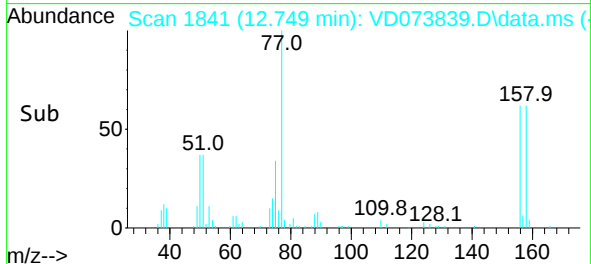
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBSD01



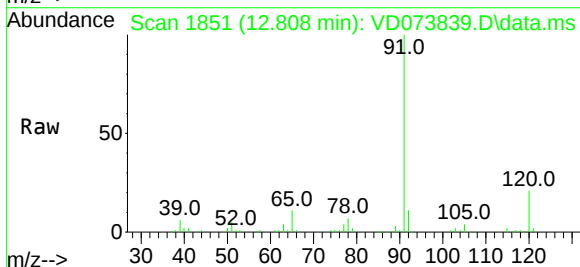
Tgt Ion:156 Resp: 22768
Ion Ratio Lower Upper
156 100
77 222.9 110.1 330.3
158 98.0 48.3 144.9

Manual Integrations
APPROVED

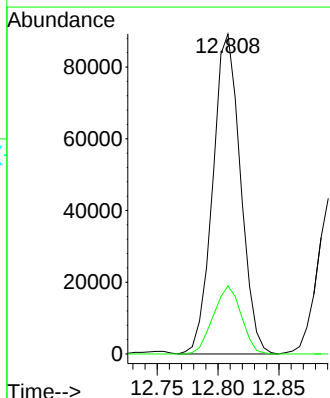
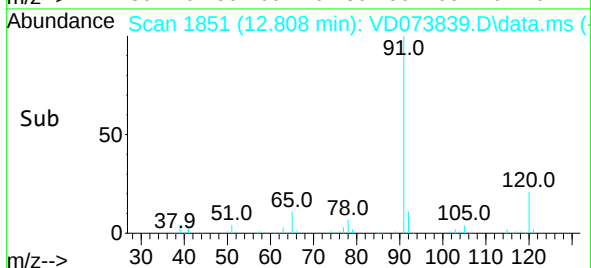
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

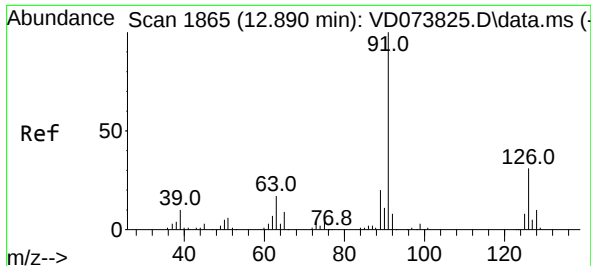


#78
n-propylbenzene
Concen: 21.061 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073839.D
Acq: 12 Jul 2022 15:27



Tgt Ion: 91 Resp: 141251
Ion Ratio Lower Upper
91 100
120 21.4 10.5 31.6





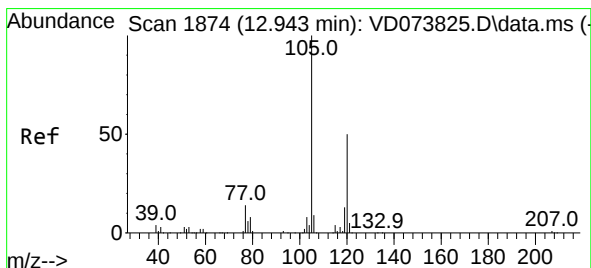
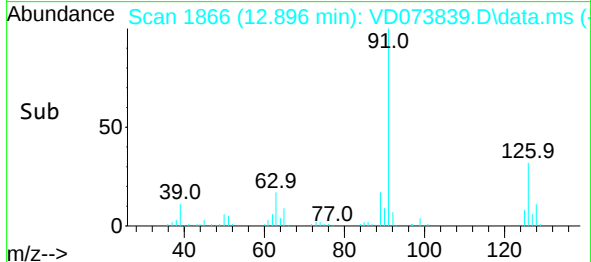
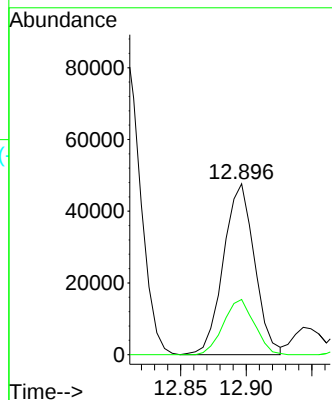
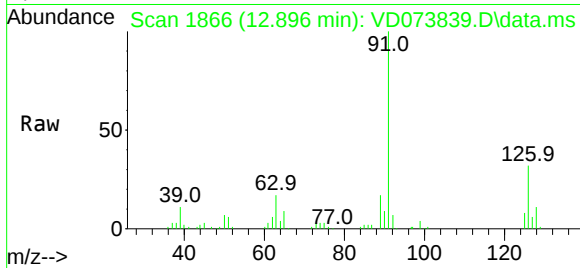
#79
2-Chlorotoluene
Concen: 20.404 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VD073839.D
Acq: 12 Jul 2022 15:27

Instrument :
MSVOA_D
ClientSampleId :
VD0712SBSD01

Tgt Ion: 91 Resp: 7870
Ion Ratio Lower Upper
91 100
126 32.0 15.9 47.7

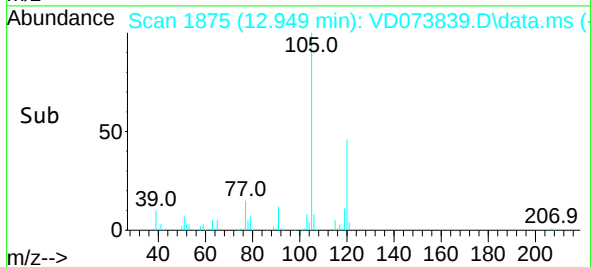
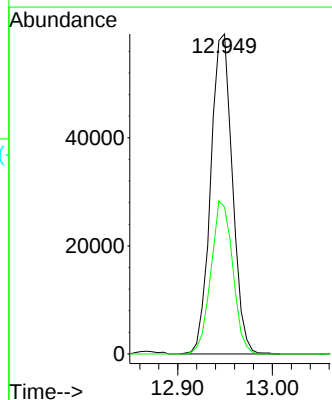
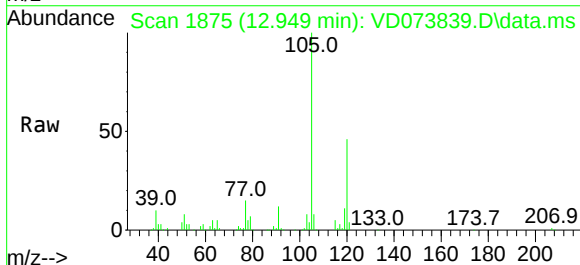
Manual Integrations
APPROVED

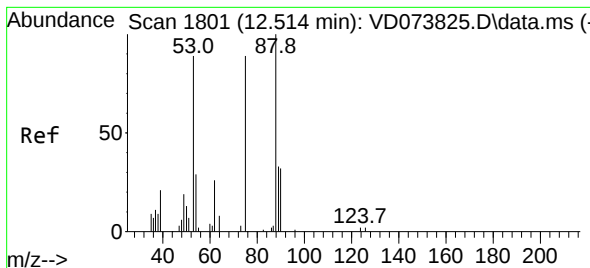
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#80
1,3,5-Trimethylbenzene
Concen: 21.320 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.006 min
Lab File: VD073839.D
Acq: 12 Jul 2022 15:27

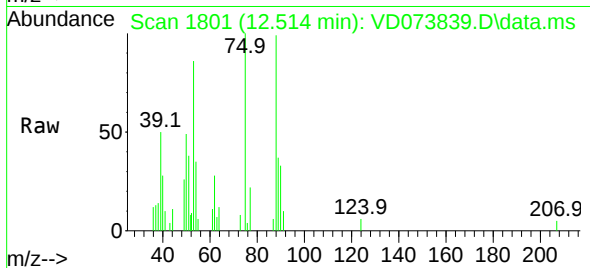
Tgt Ion:105 Resp: 94377
Ion Ratio Lower Upper
105 100
120 47.9 24.1 72.4





#81
trans-1,4-Dichloro-2-butene
Concen: 21.021 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD073839.D
Acq: 12 Jul 2022 15:27

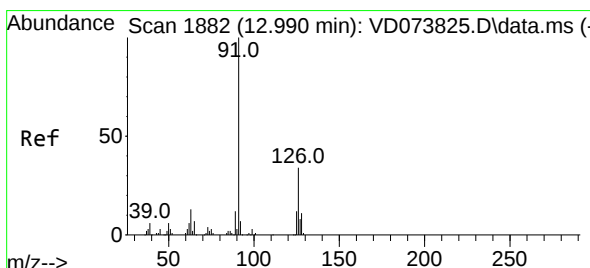
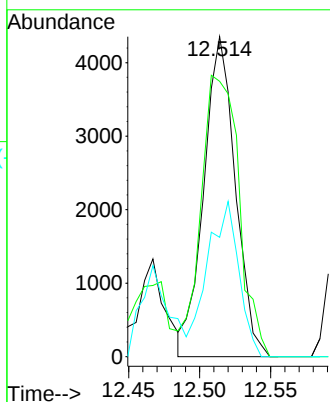
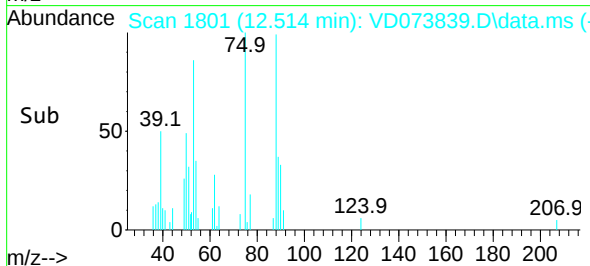
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBSD01



Tgt Ion: 75 Resp: 672
Ion Ratio Lower Upper
75 100
53 105.4 79.3 118.9
89 48.0 34.8 52.2

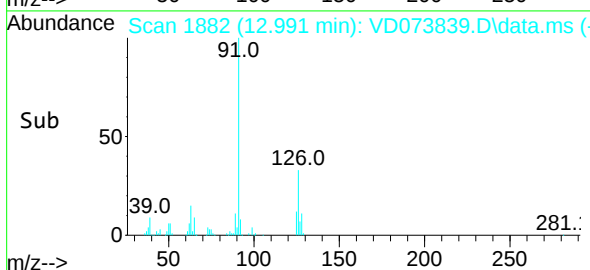
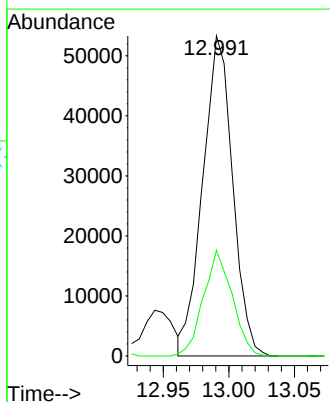
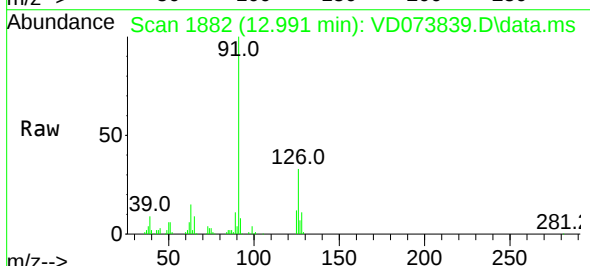
Manual Integrations
APPROVED

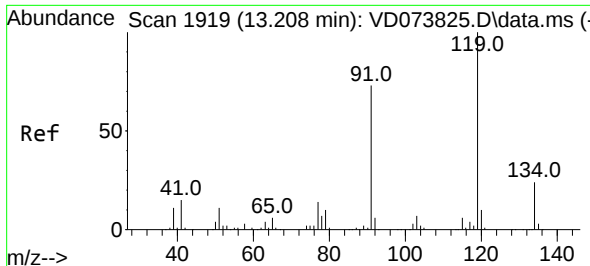
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#82
4-Chlorotoluene
Concen: 20.950 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VD073839.D
Acq: 12 Jul 2022 15:27

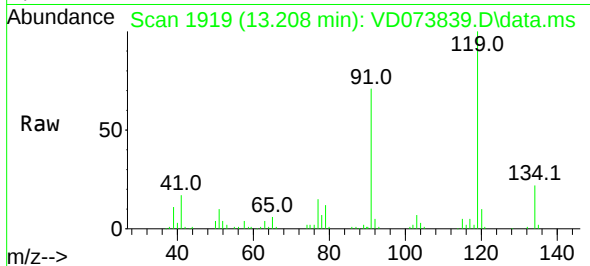
Tgt Ion: 91 Resp: 84515
Ion Ratio Lower Upper
91 100
126 31.9 16.2 48.5





#83
tert-Butylbenzene
Concen: 20.600 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD073839.D
Acq: 12 Jul 2022 15:27

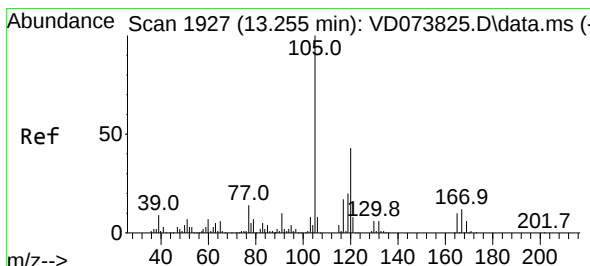
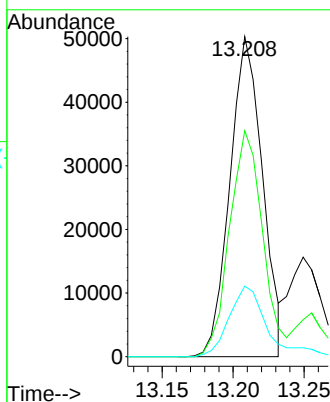
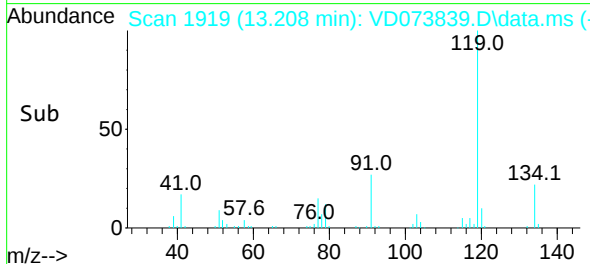
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBSD01



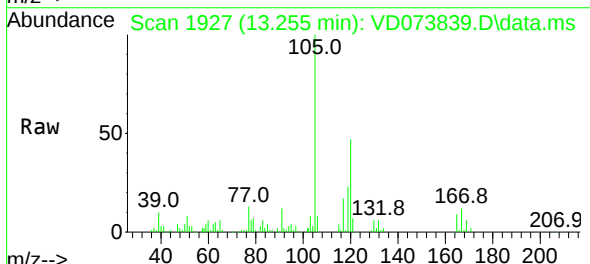
Tgt Ion:119 Resp: 80359
Ion Ratio Lower Upper
119 100
91 71.7 36.0 108.0
134 25.6 13.1 39.1

Manual Integrations
APPROVED

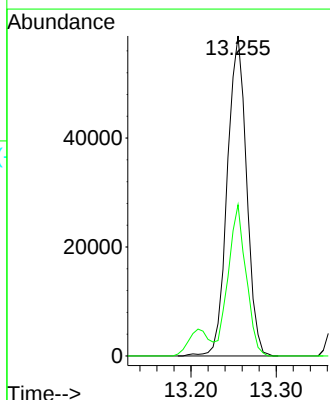
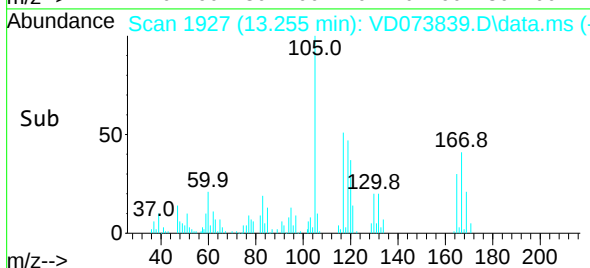
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

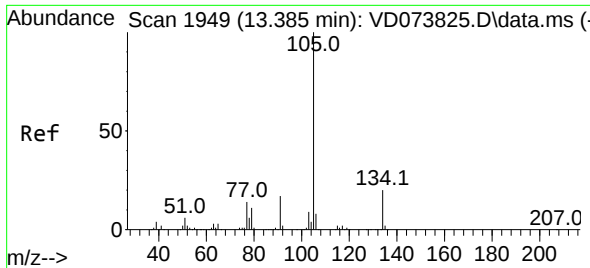


#84
1,2,4-Trimethylbenzene
Concen: 20.759 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD073839.D
Acq: 12 Jul 2022 15:27



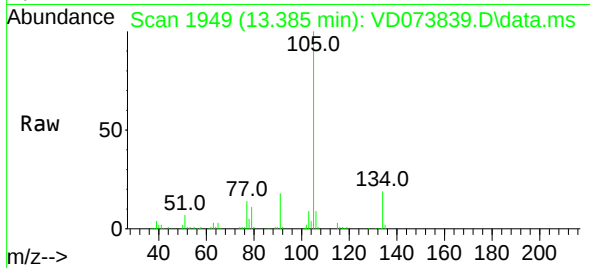
Tgt Ion:105 Resp: 92188
Ion Ratio Lower Upper
105 100
120 44.2 21.9 65.5





#85
 sec-Butylbenzene
 Concen: 20.638 ug/l
 RT: 13.385 min Scan# 1949
 Delta R.T. 0.000 min
 Lab File: VD073839.D
 Acq: 12 Jul 2022 15:27

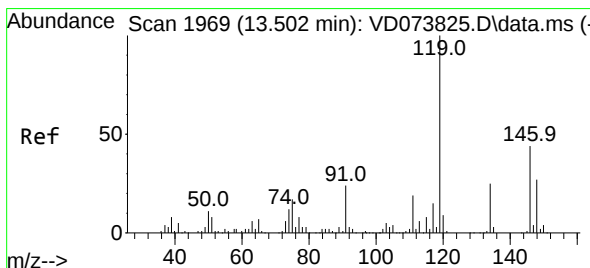
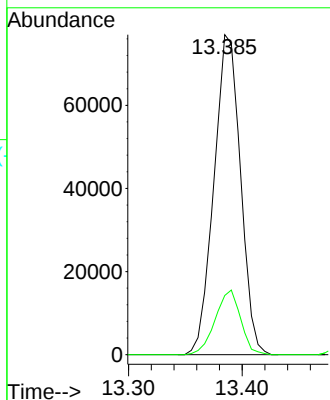
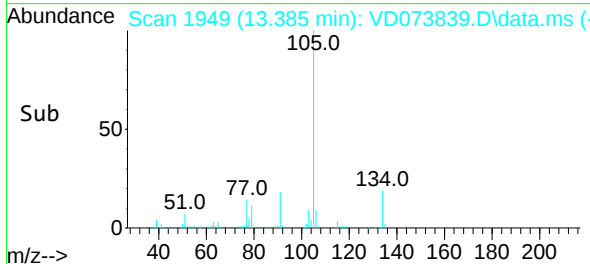
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0712SBSD01



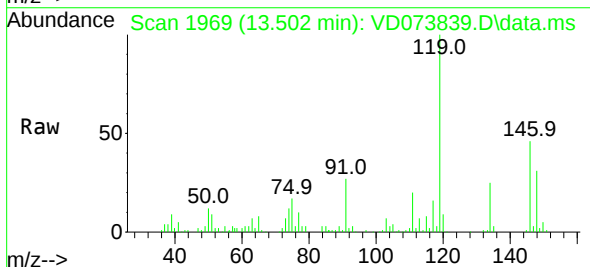
Tgt Ion:105 Resp: 12517
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.3

Manual Integrations
 APPROVED

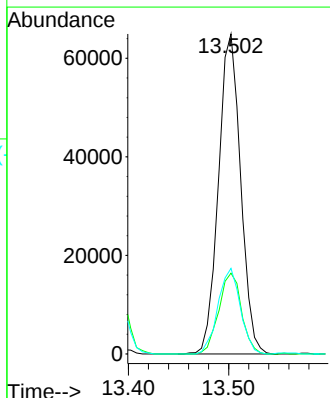
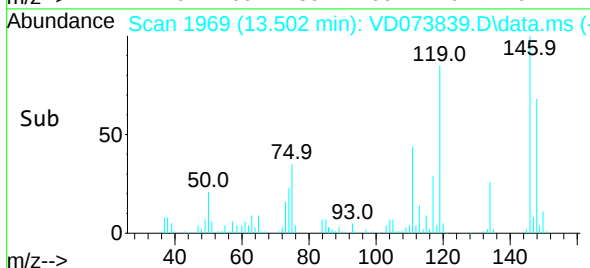
Reviewed By :John Carlone 07/13/2022
 Supervised By :Mahesh Dadoda 07/13/2022

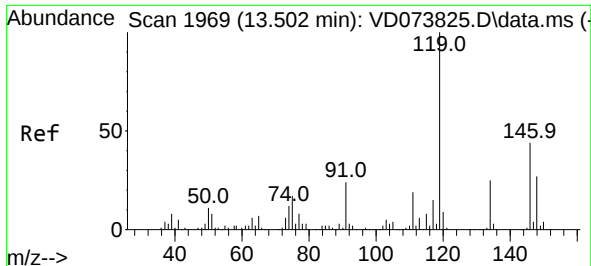


#86
 p-Isopropyltoluene
 Concen: 20.327 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073839.D
 Acq: 12 Jul 2022 15:27



Tgt Ion:119 Resp: 99273
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.6 37.8
 91 27.1 13.0 38.9





#87

1,3-Dichlorobenzene

Concen: 20.457 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD073839.D

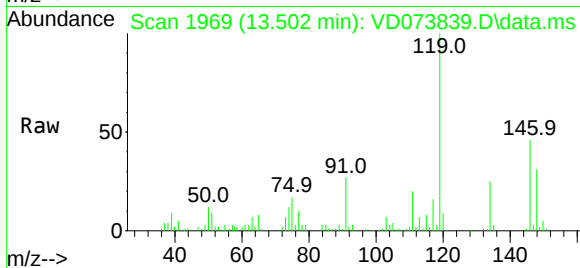
Acq: 12 Jul 2022 15:27

Instrument :

MSVOA_D

ClientSampleId :

VD0712SBSD01



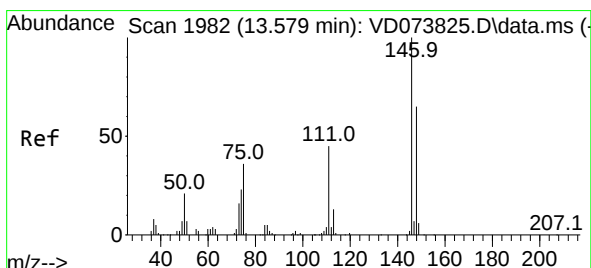
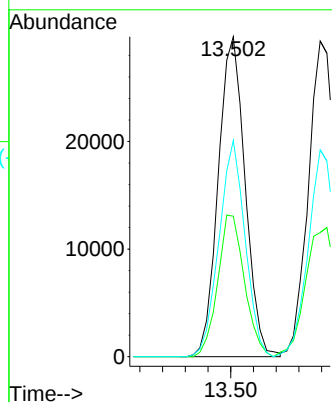
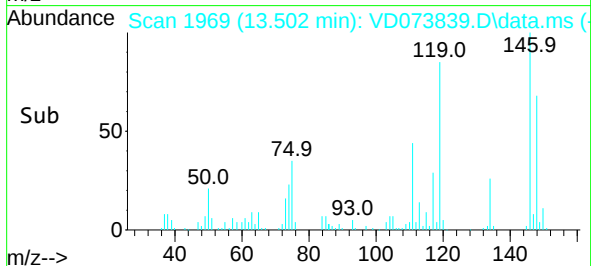
Tgt Ion:	146	Resp:	48928
Ion Ratio	Lower	Upper	
146	100		
111	43.9	21.8	65.4
148	65.4	31.6	94.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#88

1,4-Dichlorobenzene

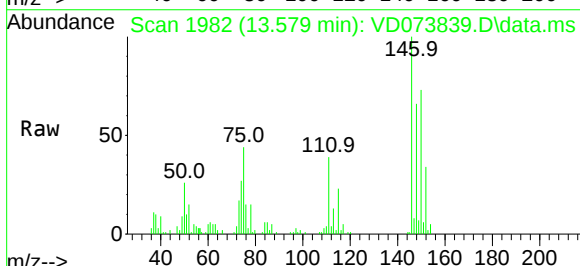
Concen: 21.038 ug/l

RT: 13.579 min Scan# 1982

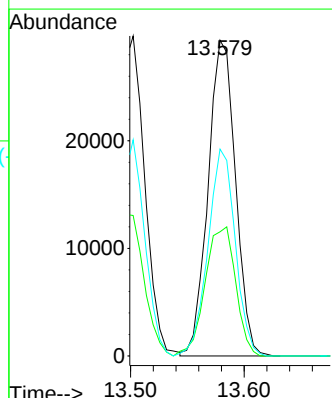
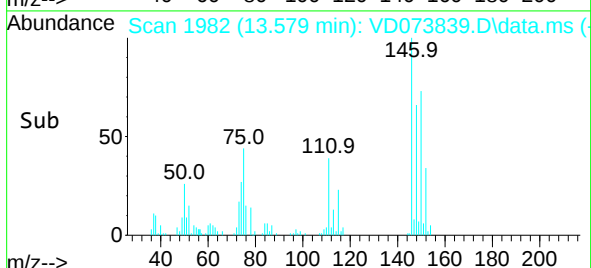
Delta R.T. 0.000 min

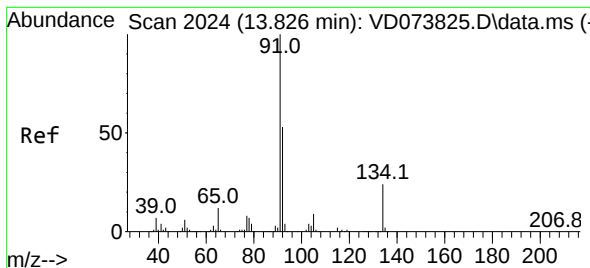
Lab File: VD073839.D

Acq: 12 Jul 2022 15:27



Tgt Ion:	146	Resp:	49276
Ion Ratio	Lower	Upper	
146	100		
111	45.5	21.9	65.7
148	65.2	32.4	97.0





#89

n-Butylbenzene

Concen: 21.222 ug/l

RT: 13.826 min Scan# 2024

Delta R.T. 0.000 min

Lab File: VD073839.D

Acq: 12 Jul 2022 15:27

Instrument :

MSVOA_D

ClientSampleId :

VD0712SBSD01

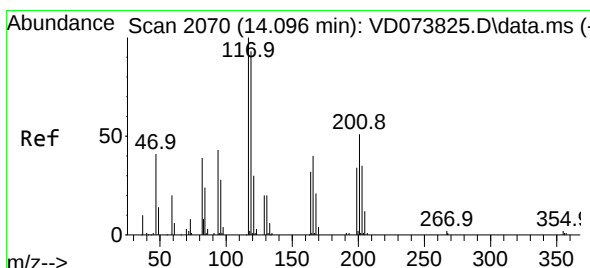
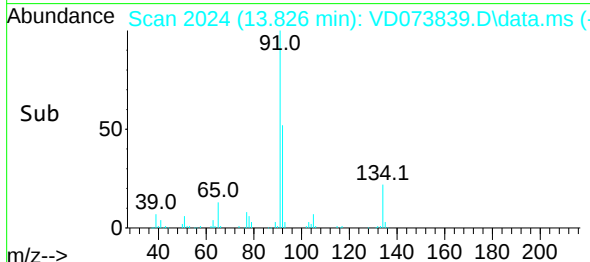
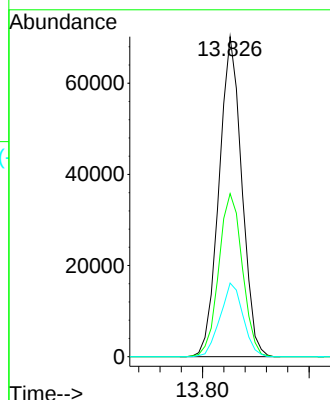
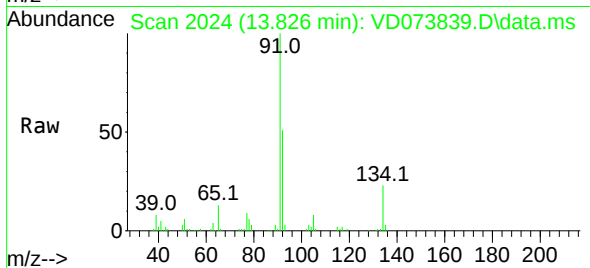
Tgt Ion:	91	Resp:	10400
Ion Ratio	Lower	Upper	
91	100		
92	52.9	26.7	80.1
134	23.3	11.6	34.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#90

Hexachloroethane

Concen: 20.929 ug/l

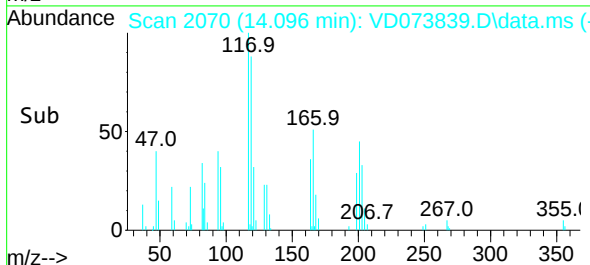
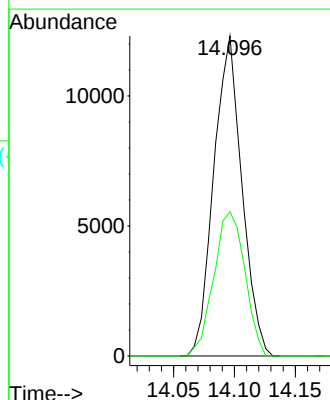
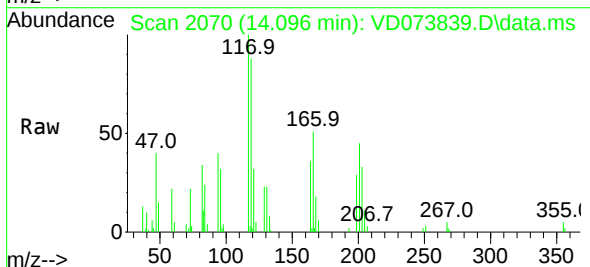
RT: 14.096 min Scan# 2070

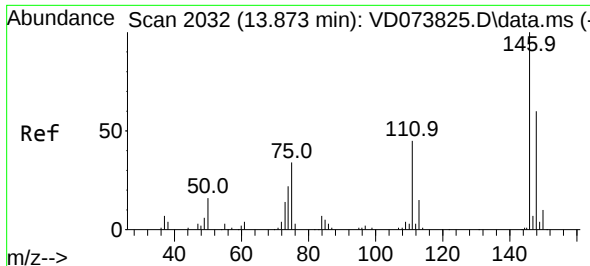
Delta R.T. 0.000 min

Lab File: VD073839.D

Acq: 12 Jul 2022 15:27

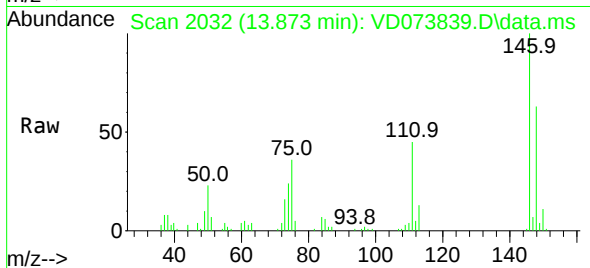
Tgt Ion:	117	Resp:	19787
Ion Ratio	Lower	Upper	
117	100		
201	49.8	26.7	80.0





#91
1,2-Dichlorobenzene
Concen: 20.335 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD073839.D
Acq: 12 Jul 2022 15:27

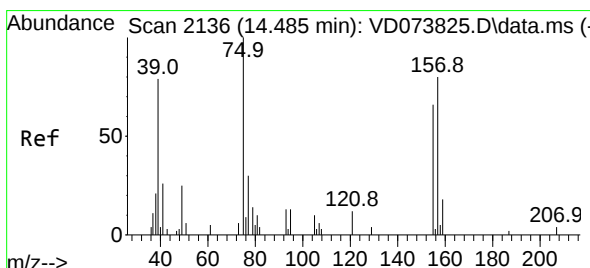
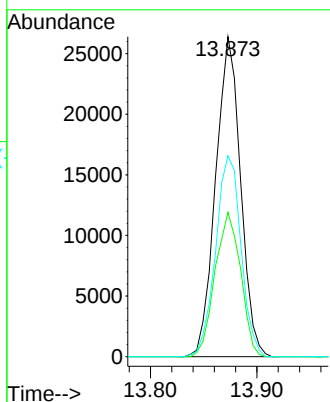
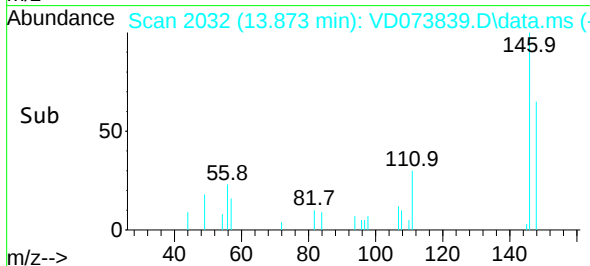
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBSD01



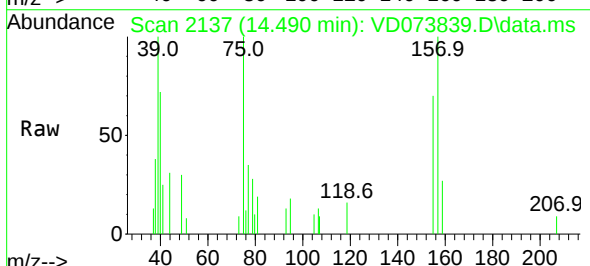
Tgt Ion:146 Resp: 42834
Ion Ratio Lower Upper
146 100
111 46.2 22.8 68.4
148 64.0 30.6 91.6

Manual Integrations
APPROVED

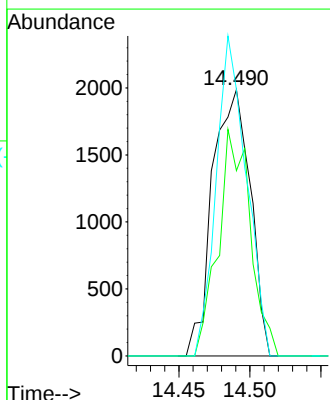
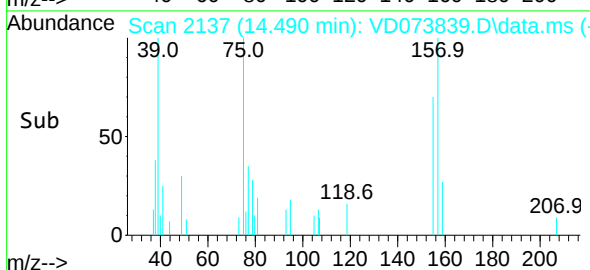
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

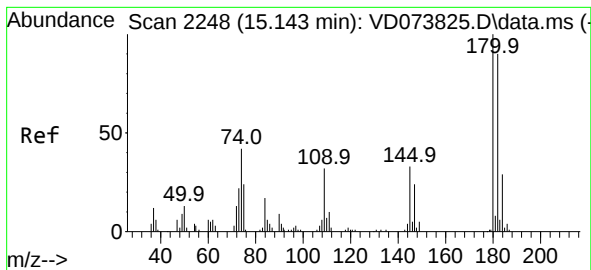


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.771 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. 0.006 min
Lab File: VD073839.D
Acq: 12 Jul 2022 15:27



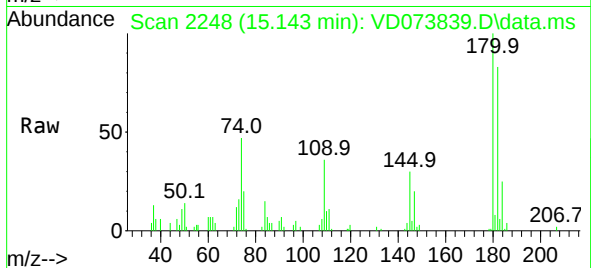
Tgt Ion: 75 Resp: 3660
Ion Ratio Lower Upper
75 100
155 72.3 35.7 107.1
157 96.5 46.7 140.1





#93
1,2,4-Trichlorobenzene
Concen: 20.023 ug/l
RT: 15.143 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD073839.D
Acq: 12 Jul 2022 15:27

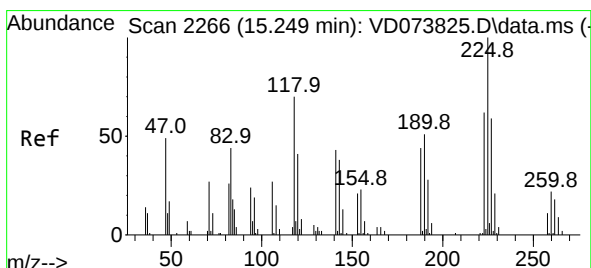
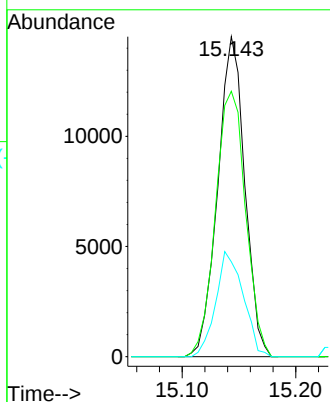
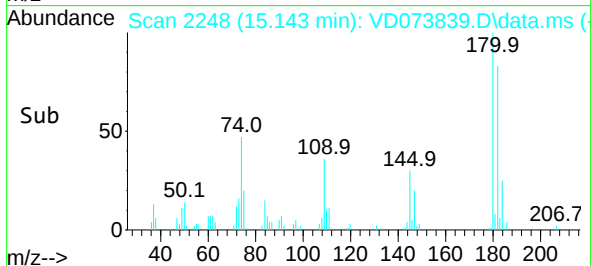
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBSD01



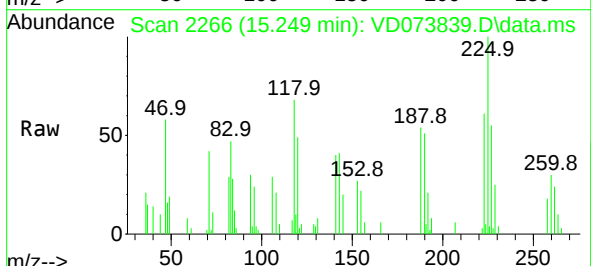
Tgt Ion:180 Resp: 24034
Ion Ratio Lower Upper
180 100
182 92.3 46.9 140.8
145 33.4 17.0 51.0

Manual Integrations
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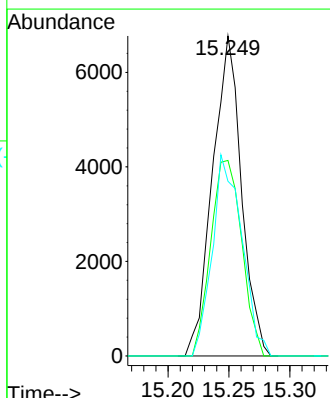
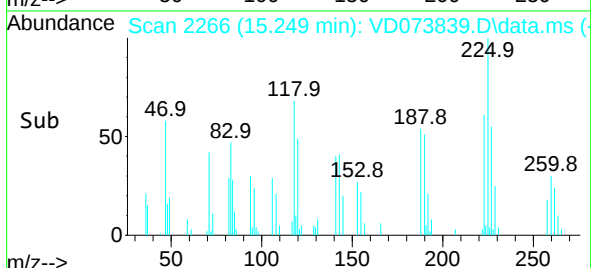
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

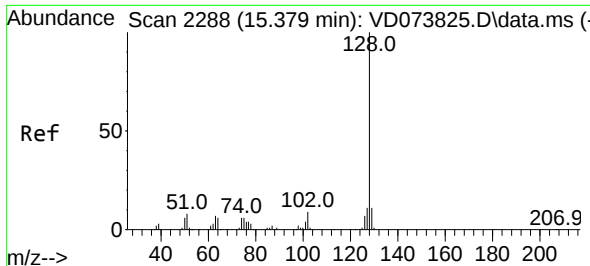


#94
Hexachlorobutadiene
Concen: 19.622 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. 0.000 min
Lab File: VD073839.D
Acq: 12 Jul 2022 15:27



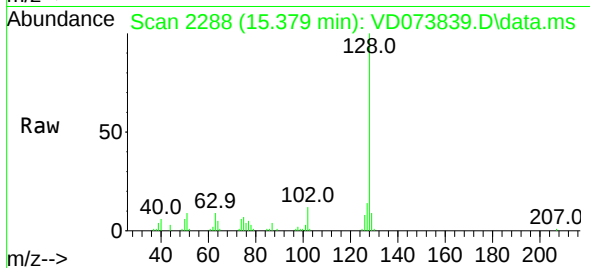
Tgt Ion:225 Resp: 11207
Ion Ratio Lower Upper
225 100
223 65.5 31.8 95.3
227 64.0 31.4 94.2





#95
Naphthalene
Concen: 19.740 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. 0.000 min
Lab File: VD073839.D
Acq: 12 Jul 2022 15:27

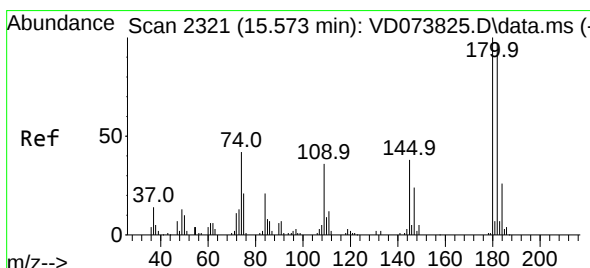
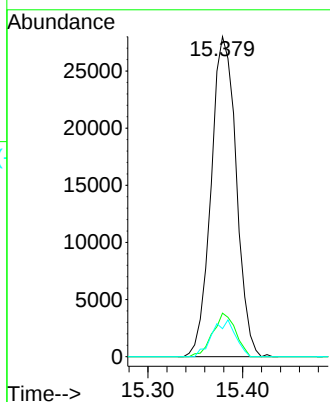
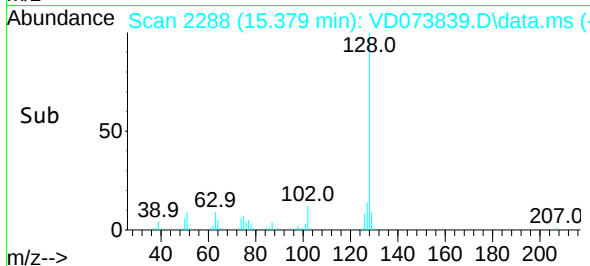
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBSD01



Tgt Ion:128 Resp: 5172
Ion Ratio Lower Upper
128 100
127 12.4 10.3 15.5
129 10.7 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#96
1,2,3-Trichlorobenzene
Concen: 19.237 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. 0.000 min
Lab File: VD073839.D
Acq: 12 Jul 2022 15:27

Tgt Ion:180 Resp: 20074
Ion Ratio Lower Upper
180 100
182 93.2 47.4 142.3
145 42.1 18.9 56.9

