

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051822\
 Data File : VD073114.D
 Acq On : 18 May 2022 23:54
 Operator : VA/SY
 Sample : VD0518SBS02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0518SBS02

Quant Time: May 19 04:49:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 04:58:34 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/19/2022
 Supervised By : Mahesh Dadoda 05/24/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	202395	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	356869	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	366821	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	189169	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	126305	49.901	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.800%		
35) Dibromofluoromethane	7.908	113	109320	43.630	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	87.260%		
50) Toluene-d8	10.332	98	355575	39.118	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	78.240%		
62) 4-Bromofluorobenzene	12.620	95	144979	44.035	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	88.080%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	49068	19.388	ug/l	92
3) Chloromethane	2.209	50	52739	20.213	ug/l	95
4) Vinyl Chloride	2.344	62	46162	19.238	ug/l	100
5) Bromomethane	2.750	94	35847	21.033	ug/l	99
6) Chloroethane	2.909	64	30092	20.138	ug/l	95
7) Trichlorofluoromethane	3.262	101	83109	18.926	ug/l	94
8) Diethyl Ether	3.709	74	28791	23.961	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.091	101	50399	19.382	ug/l	97
10) Methyl Iodide	4.297	142	46828	18.429	ug/l	100
11) Tert butyl alcohol	5.203	59	39750m	101.532	ug/l	
12) 1,1-Dichloroethene	4.061	96	43965	18.697	ug/l	93
13) Acrolein	3.920	56	29454	129.879	ug/l	96
14) Allyl chloride	4.708	41	76393	20.506	ug/l	90
15) Acrylonitrile	5.420	53	77328	134.278	ug/l	98
16) Acetone	4.156	43	60756	132.644	ug/l	92
17) Carbon Disulfide	4.403	76	146352	18.583	ug/l	97
18) Methyl Acetate	4.714	43	35437	26.333	ug/l	92
19) Methyl tert-butyl Ether	5.467	73	127485	23.183	ug/l	97
20) Methylene Chloride	4.956	84	95416	28.702	ug/l #	85
21) trans-1,2-Dichloroethene	5.467	96	55997	20.020	ug/l	92
22) Diisopropyl ether	6.355	45	184434	23.064	ug/l	97
23) Vinyl Acetate	6.303	43	520173	120.413	ug/l #	94
24) 1,1-Dichloroethane	6.250	63	105516	21.210	ug/l	99
25) 2-Butanone	7.202	43	89972	129.719	ug/l #	84
26) 2,2-Dichloropropane	7.202	77	77781	18.467	ug/l	97
27) cis-1,2-Dichloroethene	7.208	96	64881	21.034	ug/l	92
28) Bromochloromethane	7.538	49	33375	19.585	ug/l #	77
29) Tetrahydrofuran	7.561	42	60588	135.755	ug/l	91
30) Chloroform	7.702	83	112413	21.119	ug/l	100
31) Cyclohexane	7.979	56	81080	17.784	ug/l	91
32) 1,1,1-Trichloroethane	7.897	97	92275	20.234	ug/l	94
36) 1,1-Dichloropropene	8.108	75	74669	18.289	ug/l	98
37) Ethyl Acetate	7.285	43	41738	24.343	ug/l #	93
38) Carbon Tetrachloride	8.091	117	80429	19.255	ug/l	96
39) Methylcyclohexane	9.349	83	78609	16.512	ug/l	99
40) Benzene	8.344	78	228153	19.544	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	21024	21.745	ug/l #	75
42) 1,2-Dichloroethane	8.414	62	77894	22.924	ug/l	96
43) Isopropyl Acetate	8.444	43	76163	23.892	ug/l #	93
44) Trichloroethene	9.102	130	58496	18.526	ug/l	94
45) 1,2-Dichloropropane	9.385	63	64590	21.306	ug/l	92
46) Dibromomethane	9.467	93	38030	22.687	ug/l	94
47) Bromodichloromethane	9.655	83	92474	21.720	ug/l	93
48) Methyl methacrylate	9.449	41	33765	21.354	ug/l #	72
49) 1,4-Dioxane	9.455	88	8835	506.235	ug/l	98
51) 4-Methyl-2-Pentanone	10.220	43	217910	130.989	ug/l	97
52) Toluene	10.396	92	149151	20.124	ug/l	100
53) t-1,3-Dichloropropene	10.608	75	84877	21.859	ug/l	96
54) cis-1,3-Dichloropropene	10.079	75	97326	21.259	ug/l #	86
55) 1,1,2-Trichloroethane	10.791	97	53792	23.510	ug/l	98
56) Ethyl methacrylate	10.649	69	60888	23.530	ug/l	86
57) 1,3-Dichloropropane	10.932	76	89562	23.005	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	148264	120.610	ug/l	97
59) 2-Hexanone	10.973	43	140712	128.042	ug/l	97
60) Dibromochloromethane	11.132	129	65586	23.072	ug/l	99
61) 1,2-Dibromoethane	11.238	107	53564	24.328	ug/l	99
64) Tetrachloroethene	10.867	164	50888	18.935	ug/l	97
65) Chlorobenzene	11.661	112	165719	19.924	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.732	131	63982	20.138	ug/l	96
67) Ethyl Benzene	11.732	91	263426	18.190	ug/l	98
68) m/p-Xylenes	11.843	106	212793	37.912	ug/l	99
69) o-Xylene	12.167	106	98300	18.991	ug/l	97
70) Styrene	12.185	104	178034	19.693	ug/l	97
71) Bromoform	12.349	173	40681	24.319	ug/l #	98
73) Isopropylbenzene	12.467	105	251269	17.524	ug/l	99
74) N-amyl acetate	12.279	43	74349	22.188	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.720	83	66611	23.564	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	45462m	21.260	ug/l	
77) Bromobenzene	12.749	156	66658	19.484	ug/l	98
78) n-propylbenzene	12.808	91	318318	17.678	ug/l	99
79) 2-Chlorotoluene	12.890	91	193428	18.440	ug/l	96
80) 1,3,5-Trimethylbenzene	12.949	105	222335	18.201	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	19654	22.038	ug/l	89
82) 4-Chlorotoluene	12.990	91	210591	18.969	ug/l	97
83) tert-Butylbenzene	13.208	119	172062	16.629	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	223519	18.392	ug/l	99
85) sec-Butylbenzene	13.385	105	270406	17.217	ug/l	100
86) p-Isopropyltoluene	13.502	119	223049	17.460	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	137138	19.502	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	142232	20.469	ug/l	96
89) n-Butylbenzene	13.826	91	209786	16.886	ug/l	99
90) Hexachloroethane	14.096	117	48977	18.450	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	123403	20.233	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	10218	23.255	ug/l	91
93) 1,2,4-Trichlorobenzene	15.143	180	66904	19.226	ug/l	99
94) Hexachlorobutadiene	15.249	225	33506	17.250	ug/l	96
95) Naphthalene	15.384	128	127918	20.138	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	61937	20.048	ug/l	99

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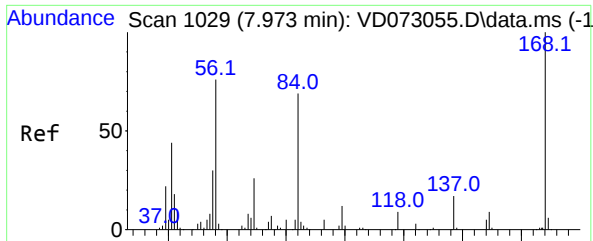
Manual Integrations
APPROVED

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Quant Time: May 19 04:49:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
Quant Title : SW846 8260
QLast Update : Wed May 18 04:58:34 2022
Response via : Initial Calibration

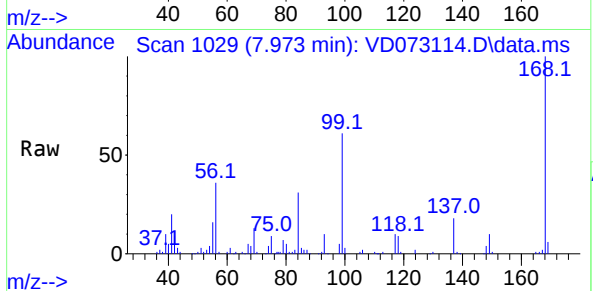
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073114.D
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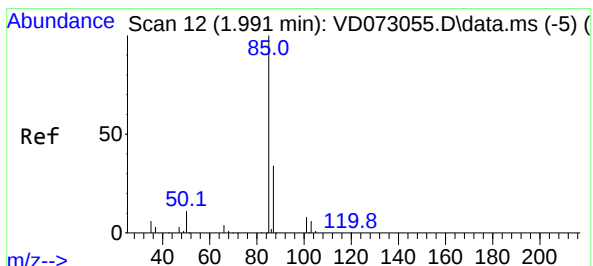
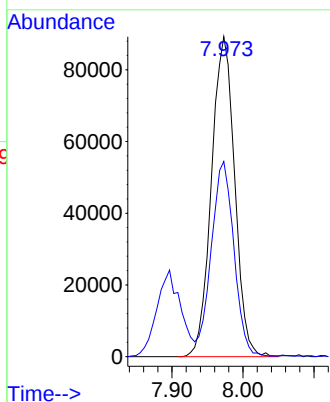
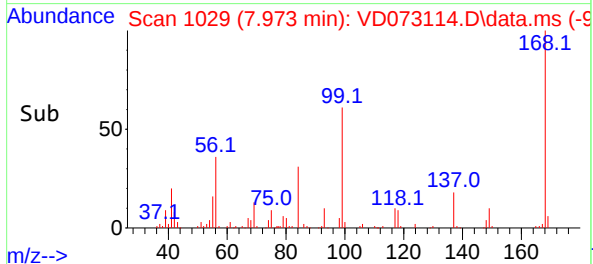
Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS02



Tgt Ion:168 Resp: 202395
Ion Ratio Lower Upper
168 100
99 60.8 49.8 74.6

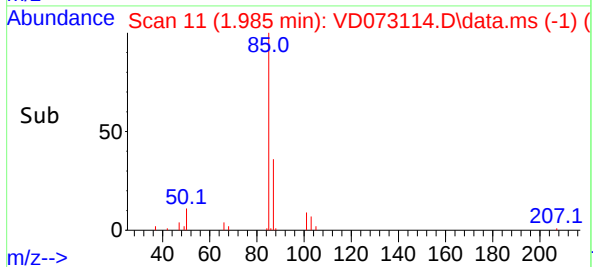
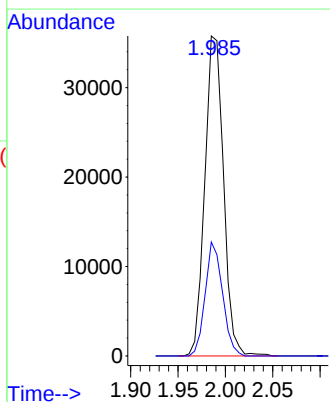
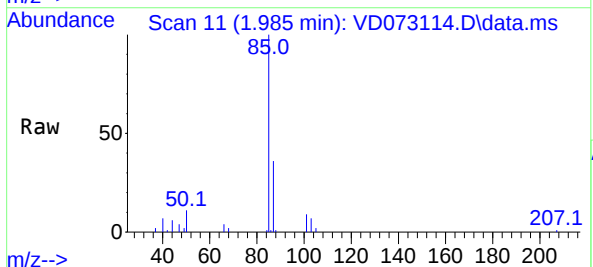
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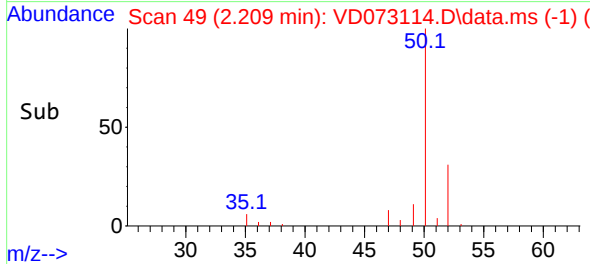
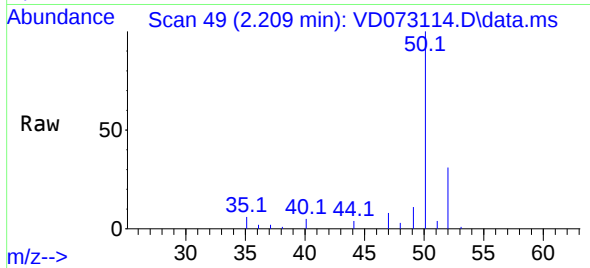
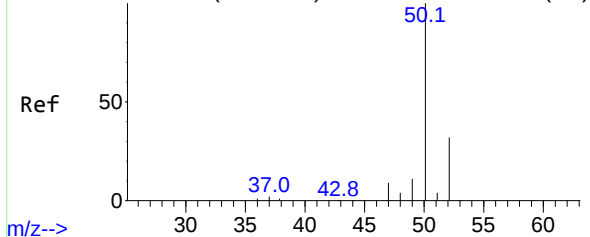


#2
Dichlorodifluoromethane
Concen: 19.388 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54

Tgt Ion: 85 Resp: 49068
Ion Ratio Lower Upper
85 100
87 35.6 15.7 47.0



Abundance Scan 49 (2.209 min): VD073055.D\data.ms (-43)



#3

Chloromethane

Concen: 20.213 ug/l

RT: 2.209 min Scan# 49

Delta R.T. -0.000 min

Lab File: VD073114.D

Acq: 18 May 2022 23:54

Instrument :

MSVOA_D

ClientSampleId :

VD0518SBS02

Tgt Ion: 50 Resp: 52739

Ion Ratio Lower Upper

50 100

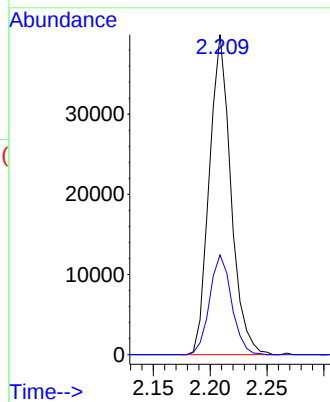
52 31.1 27.4 41.0

Manual Integrations

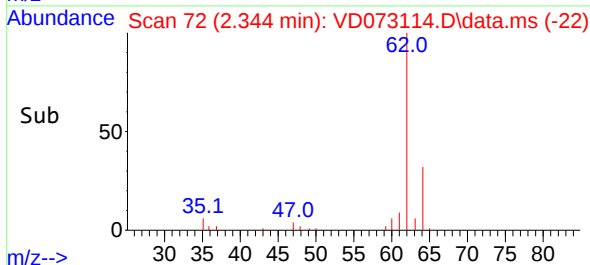
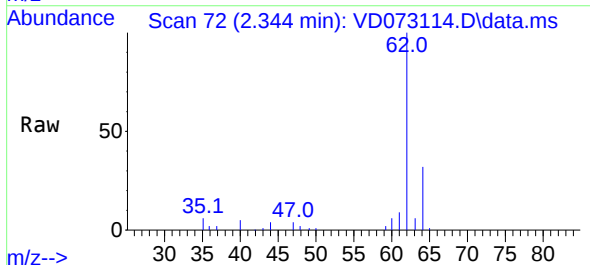
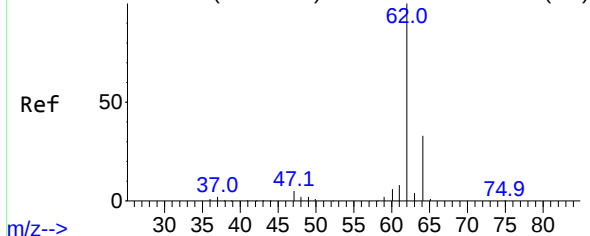
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Reviewed By :John Carlone 05/19/2022

Supervised By :Mahesh Dadoda 05/24/2022



Abundance Scan 73 (2.350 min): VD073055.D\data.ms (-65)



#4

Vinyl Chloride

Concen: 19.238 ug/l

RT: 2.344 min Scan# 72

Delta R.T. -0.006 min

Lab File: VD073114.D

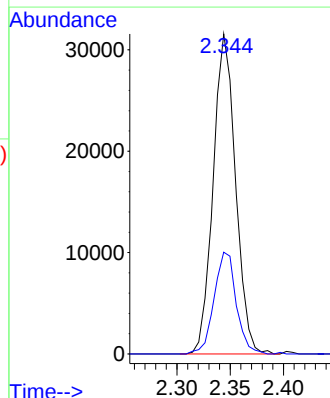
Acq: 18 May 2022 23:54

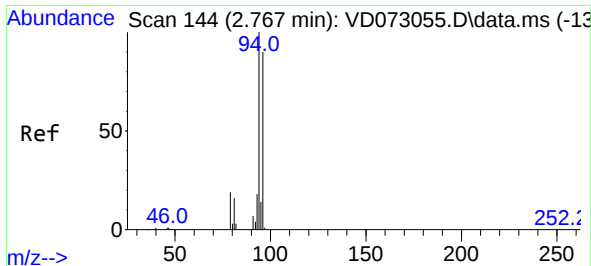
Tgt Ion: 62 Resp: 46162

Ion Ratio Lower Upper

62 100

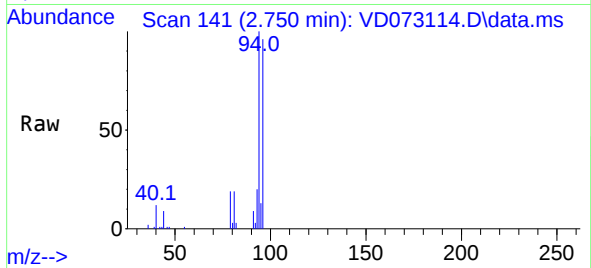
64 31.8 25.4 38.0





#5
Bromomethane
Concen: 21.033 ug/l
RT: 2.750 min Scan# 144
Delta R.T. -0.018 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54

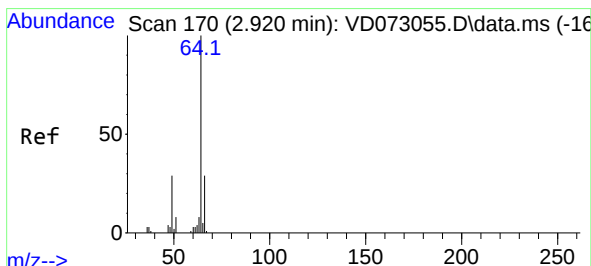
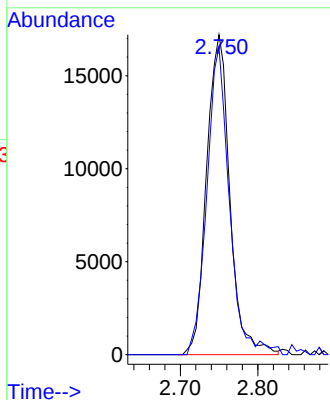
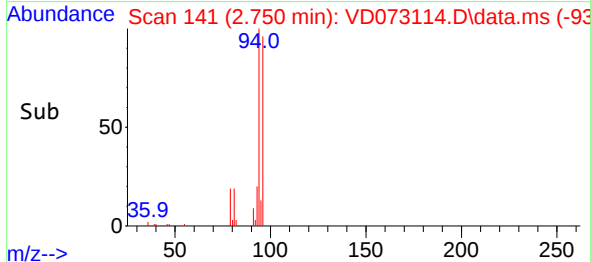
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Tgt Ion: 94 Resp: 3584
Ion Ratio Lower Upper
94 100
96 96.1 77.6 116.4

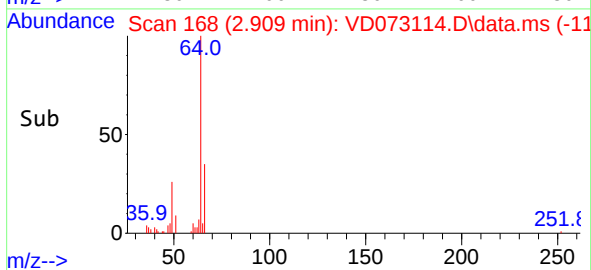
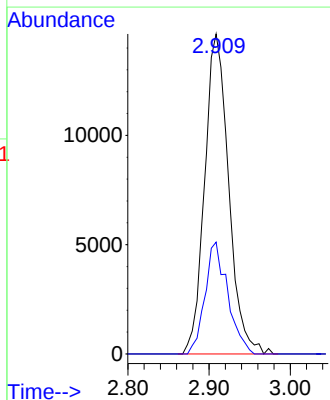
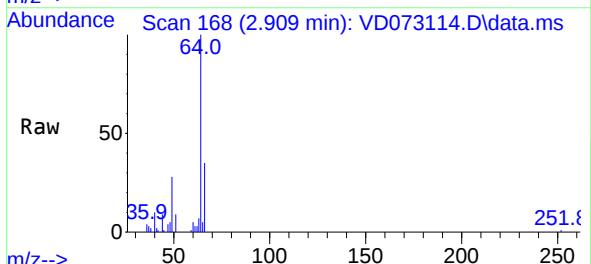
Manual Integrations
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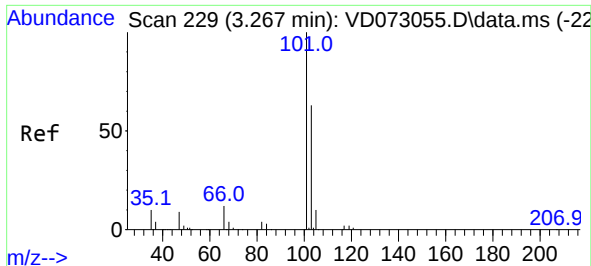
Reviewed By :John Carlone 05/19/2022
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#6
Chloroethane
Concen: 20.138 ug/l
RT: 2.909 min Scan# 168
Delta R.T. -0.012 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54

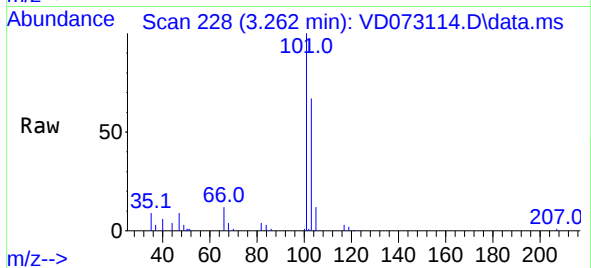
Tgt Ion: 64 Resp: 30092
Ion Ratio Lower Upper
64 100
66 35.0 25.9 38.9





#7
Trichlorofluoromethane
Concen: 18.926 ug/l
RT: 3.262 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54

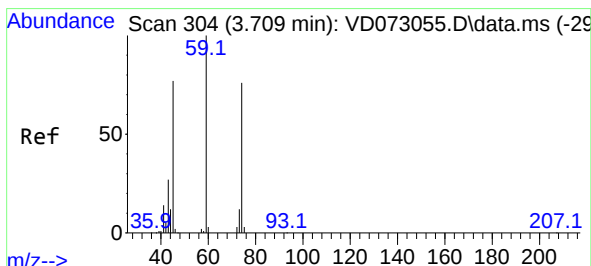
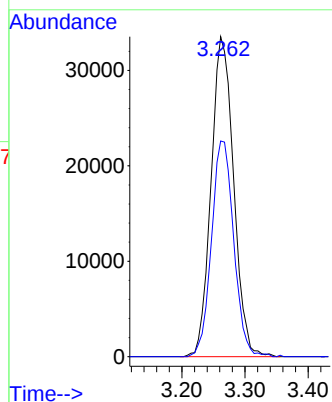
Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS02



Tgt Ion:101 Resp: 83109
Ion Ratio Lower Upper
101 100
103 67.4 50.1 75.1

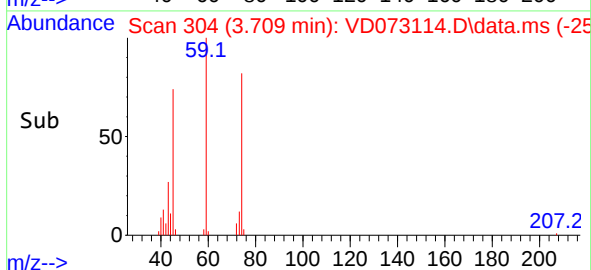
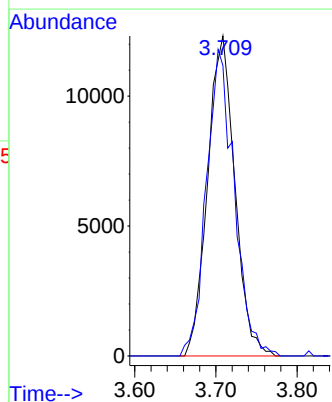
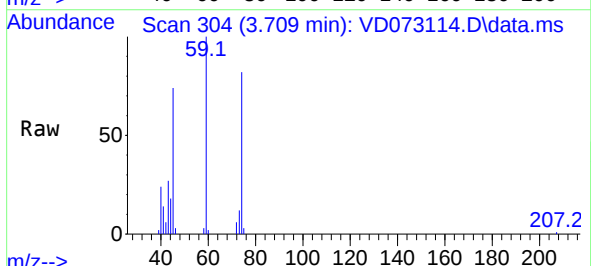
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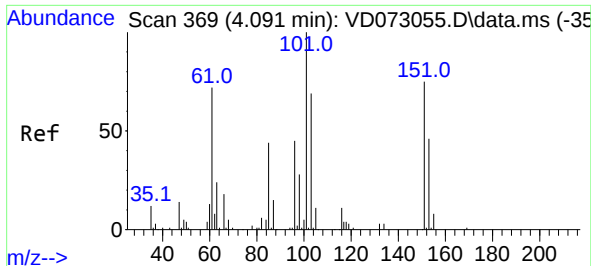
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#8
Diethyl Ether
Concen: 23.961 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.000 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54

Tgt Ion: 74 Resp: 28791
Ion Ratio Lower Upper
74 100
45 97.5 52.6 157.8





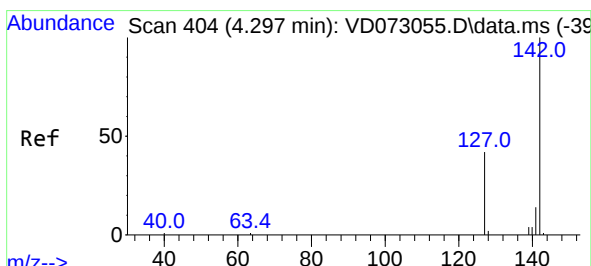
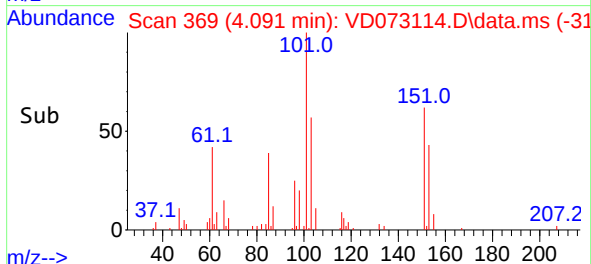
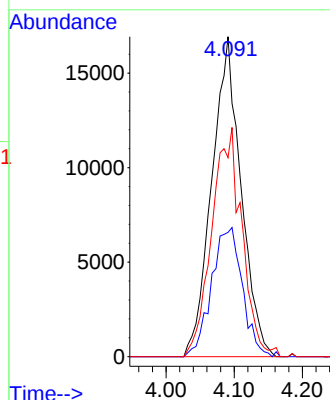
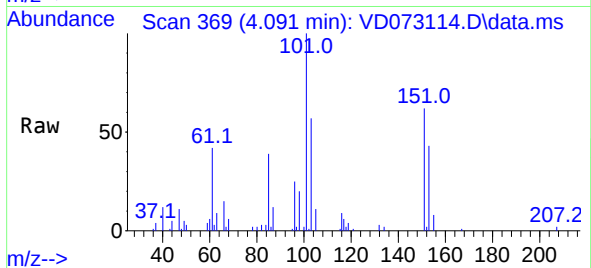
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.382 ug/l
RT: 4.091 min Scan# 369
Delta R.T. -0.000 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54

Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS02

Tgt Ion:101 Resp: 50399
Ion Ratio Lower Upper
101 100
85 42.4 36.4 54.6
151 73.8 57.3 85.9

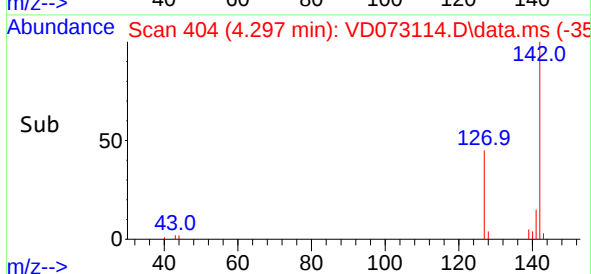
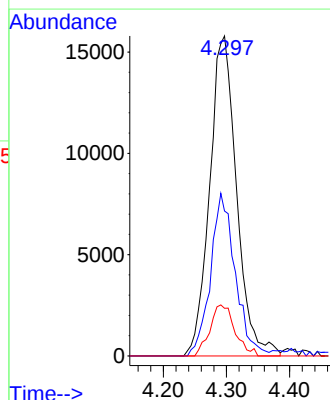
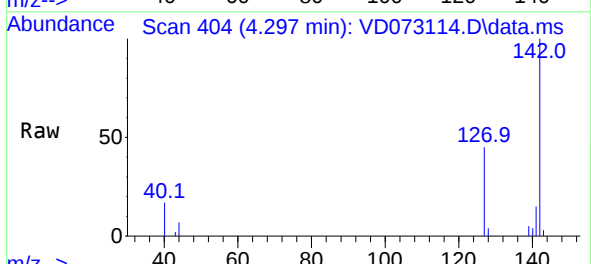
Manual Integrations
APPROVED

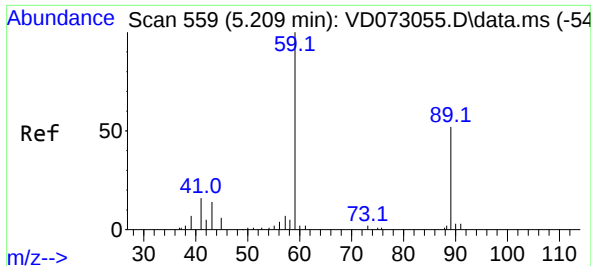
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#10
Methyl Iodide
Concen: 18.429 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54

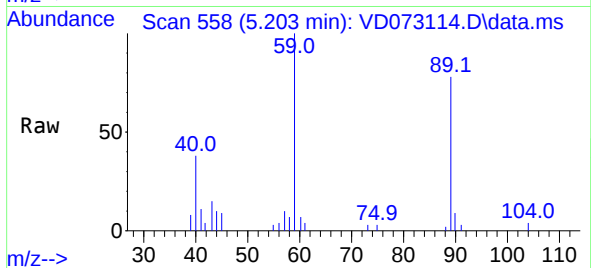
Tgt Ion:142 Resp: 46828
Ion Ratio Lower Upper
142 100
127 46.4 37.3 55.9
141 14.8 11.7 17.5





#11
Tert butyl alcohol
Concen: 101.532 ug/l m
RT: 5.203 min Scan# 511
Delta R.T. -0.006 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54

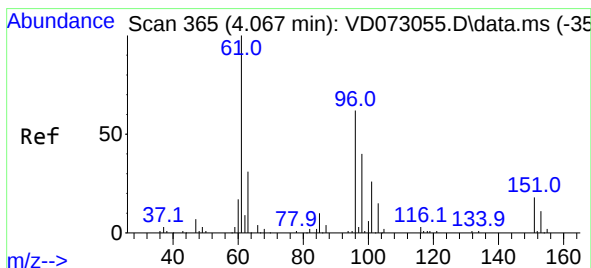
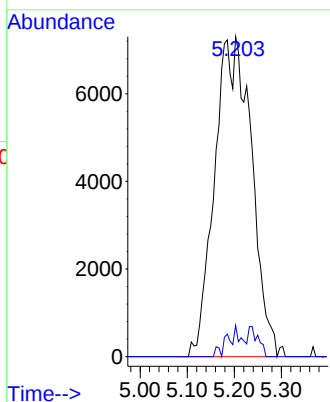
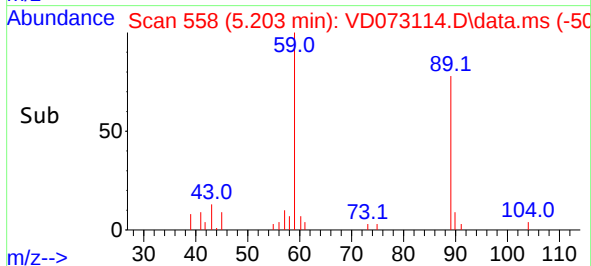
Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS02



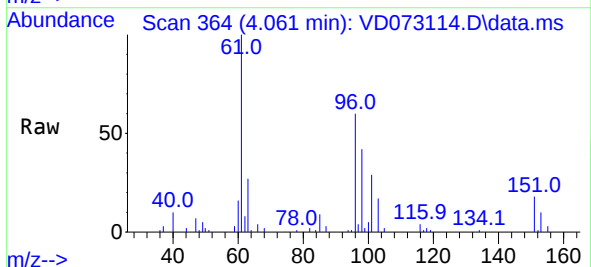
Tgt Ion: 59 Resp: 39750
Ion Ratio Lower Upper
59 100
57 1.8 7.8 11.6

Manual Integrations
APPROVED

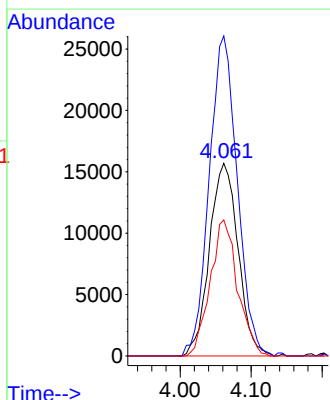
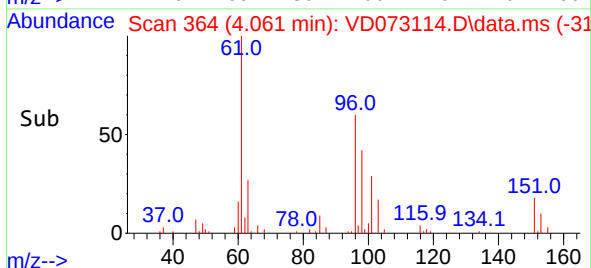
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

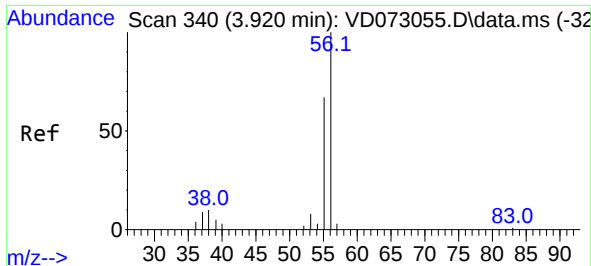


#12
1,1-Dichloroethene
Concen: 18.697 ug/l
RT: 4.061 min Scan# 364
Delta R.T. -0.006 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54



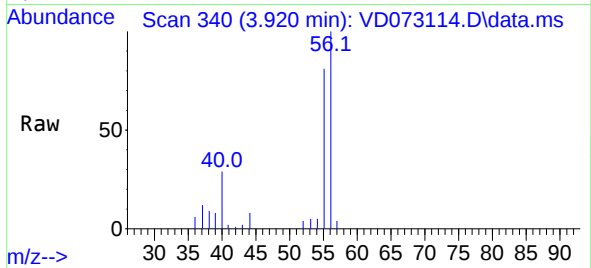
Tgt Ion: 96 Resp: 43965
Ion Ratio Lower Upper
96 100
61 166.1 138.5 207.7
98 70.6 48.6 73.0





#13
Acrolein
Concen: 129.879 ug/l
RT: 3.920 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54

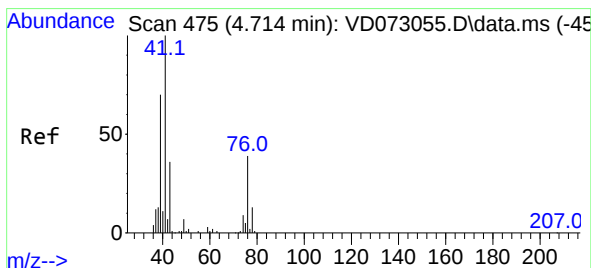
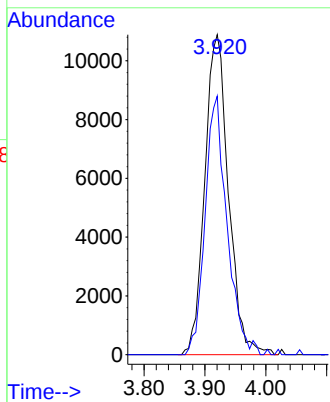
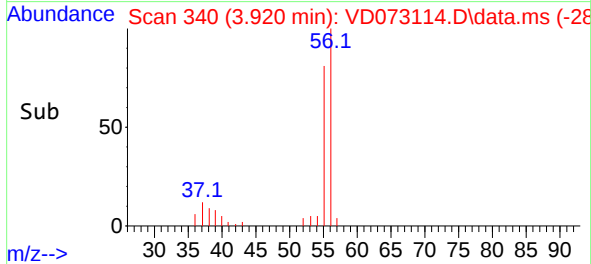
Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS02



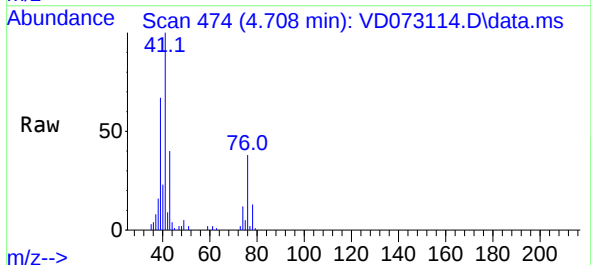
Tgt Ion: 56 Resp: 29454
Ion Ratio Lower Upper
56 100
55 74.7 57.1 85.7

Manual Integrations
APPROVED

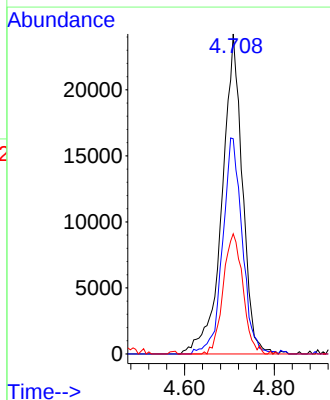
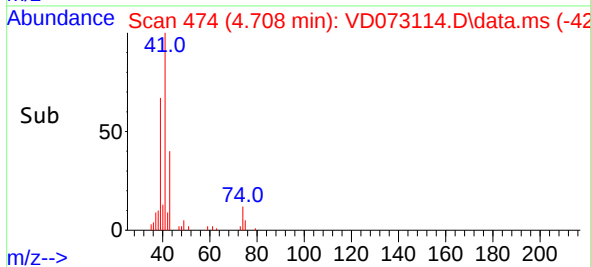
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

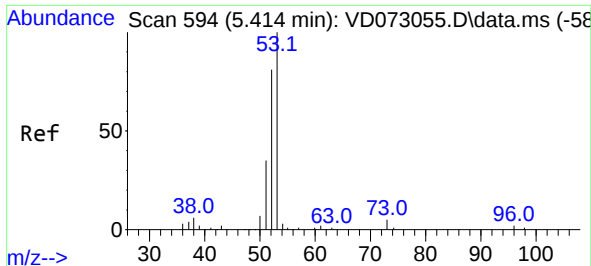


#14
Allyl chloride
Concen: 20.506 ug/l
RT: 4.708 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54



Tgt Ion: 41 Resp: 76393
Ion Ratio Lower Upper
41 100
39 65.3 59.3 88.9
76 36.4 25.7 38.5





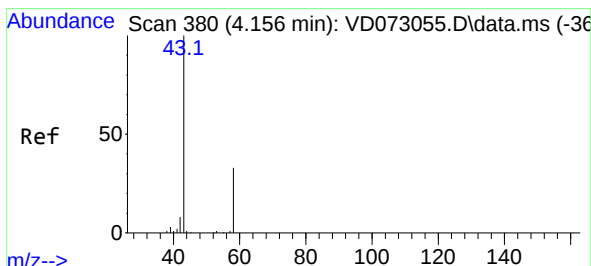
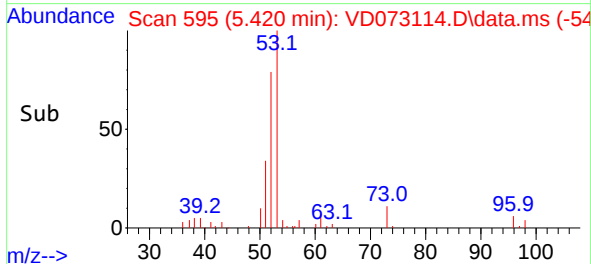
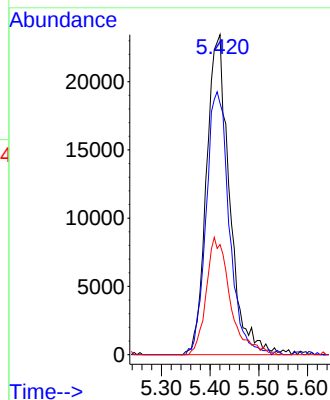
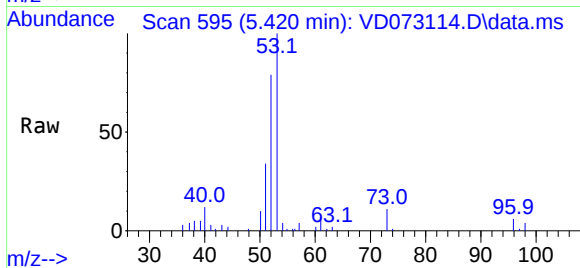
#15
Acrylonitrile
Concen: 134.278 ug/l
RT: 5.420 min Scan# 594
Delta R.T. 0.006 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54

Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS02

Tgt Ion: 53 Resp: 77328
Ion Ratio Lower Upper
53 100
52 82.0 67.2 100.8
51 38.0 30.3 45.5

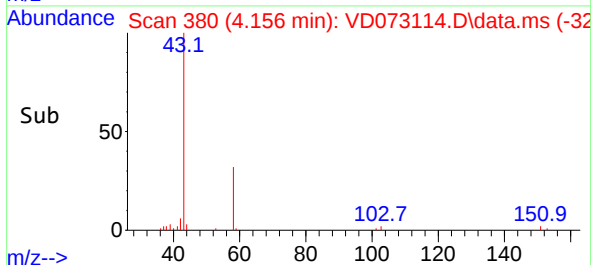
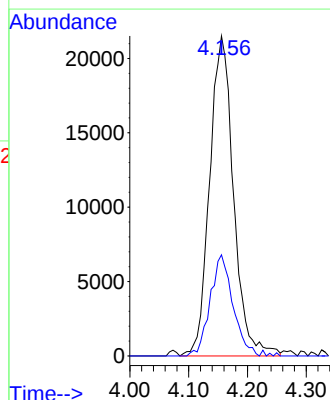
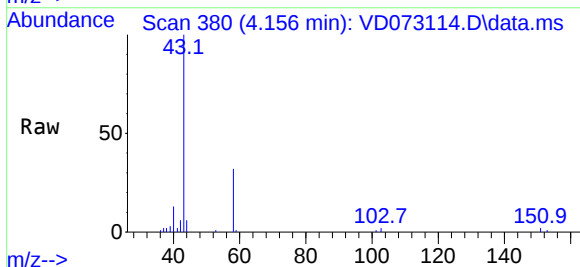
Manual Integrations
APPROVED

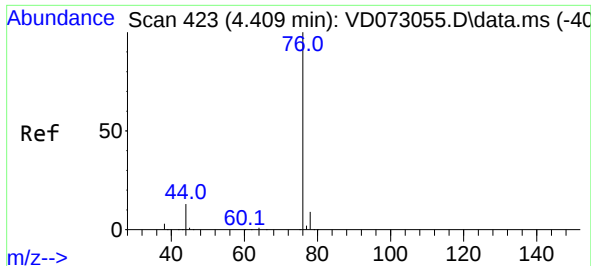
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#16
Acetone
Concen: 132.644 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54

Tgt Ion: 43 Resp: 60756
Ion Ratio Lower Upper
43 100
58 31.6 22.1 33.1





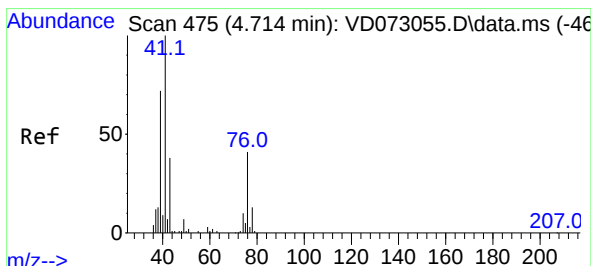
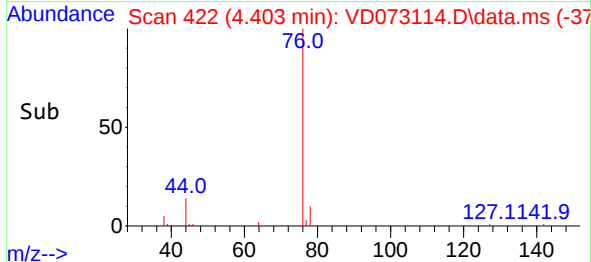
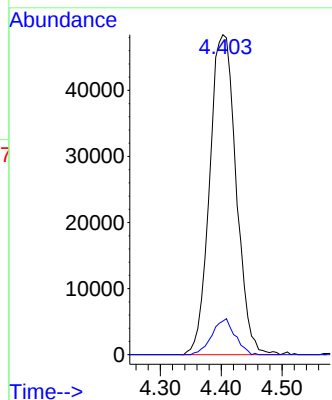
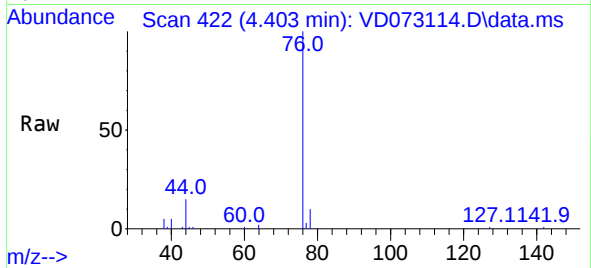
#17
Carbon Disulfide
Concen: 18.583 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54

Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS02

Tgt Ion: 76 Resp: 146352
Ion Ratio Lower Upper
76 100
78 10.5 7.5 11.3

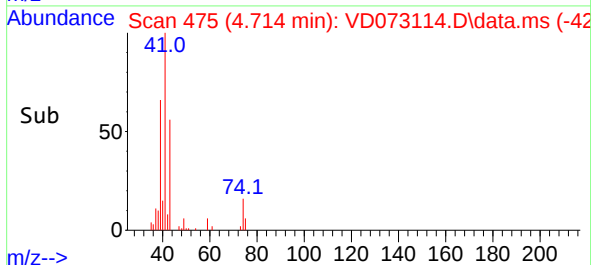
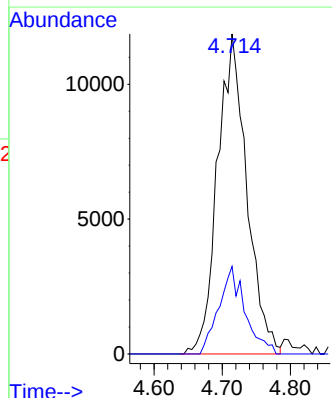
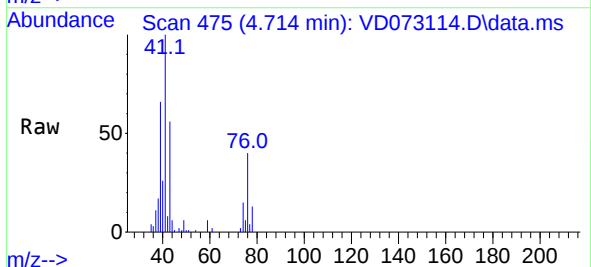
Manual Integrations
APPROVED

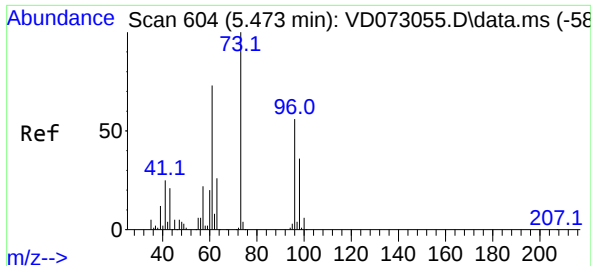
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#18
Methyl Acetate
Concen: 26.333 ug/l
RT: 4.714 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54

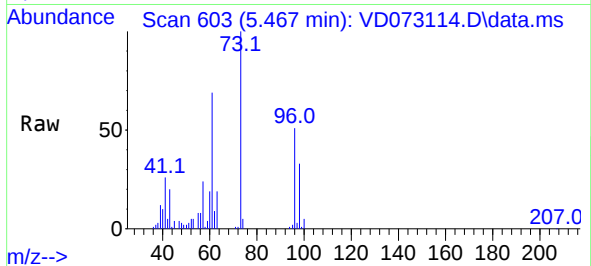
Tgt Ion: 43 Resp: 35437
Ion Ratio Lower Upper
43 100
74 24.5 16.7 25.1





#19
Methyl tert-butyl Ether
Concen: 23.183 ug/l
RT: 5.467 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54

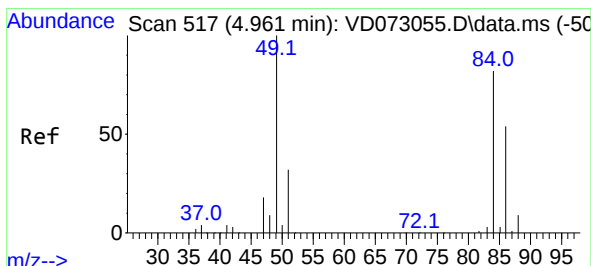
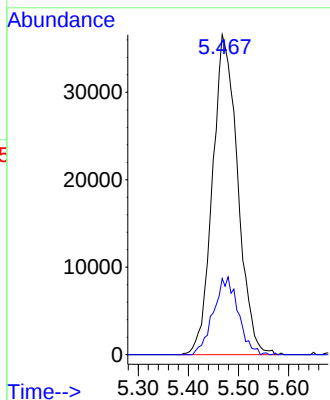
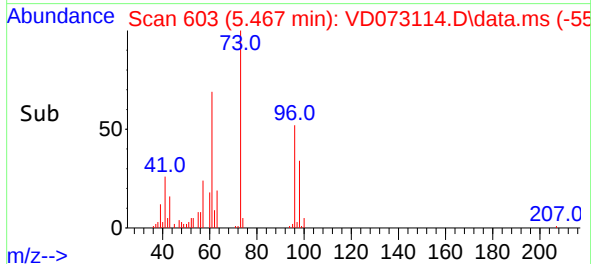
Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS02



Tgt Ion: 73 Resp: 127485
Ion Ratio Lower Upper
73 100
57 23.8 18.0 27.0

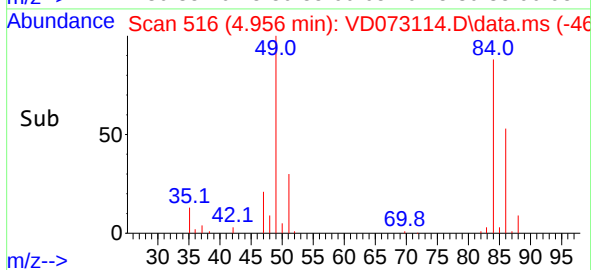
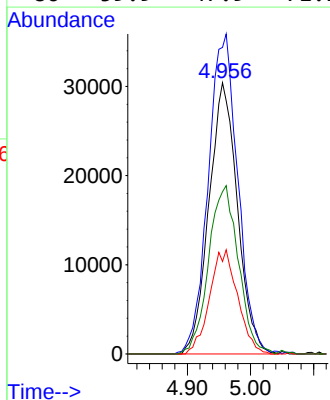
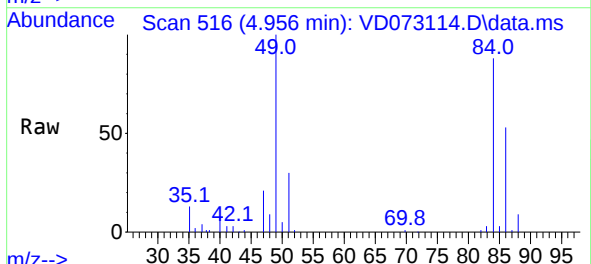
Manual Integrations
APPROVED

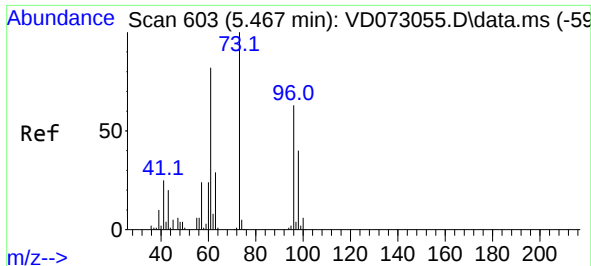
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#20
Methylene Chloride
Concen: 28.702 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54

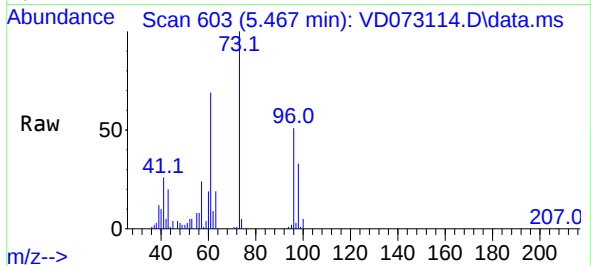
Tgt Ion: 84 Resp: 95416
Ion Ratio Lower Upper
84 100
49 112.4 112.8 169.2#
51 34.1 32.6 48.8
86 59.9 47.9 71.9





#21
trans-1,2-Dichloroethene
Concen: 20.020 ug/l
RT: 5.467 min Scan# 603
Delta R.T. -0.000 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54

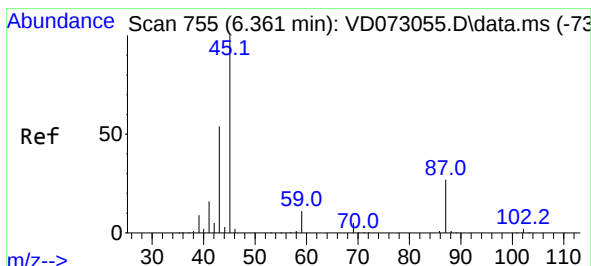
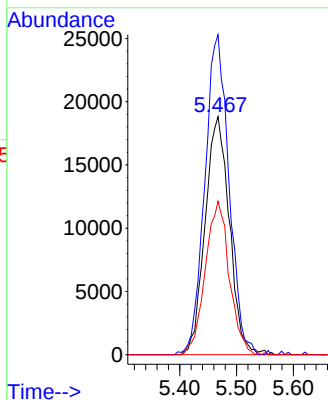
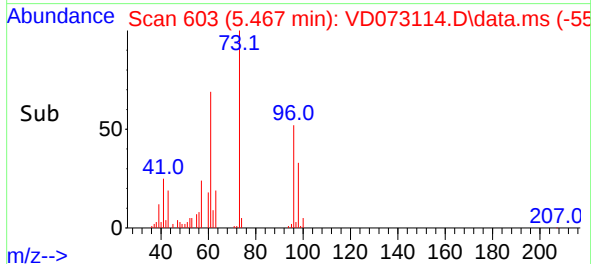
Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS02



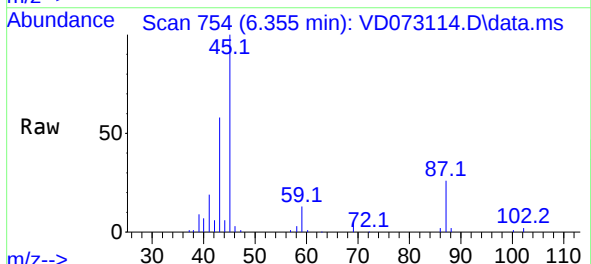
Tgt Ion: 96 Resp: 5599
Ion Ratio Lower Upper
96 100
61 134.4 117.9 176.9
98 64.4 49.4 74.2

Manual Integrations
APPROVED

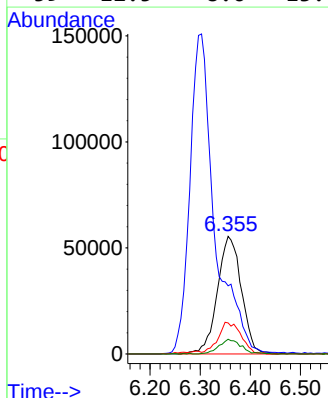
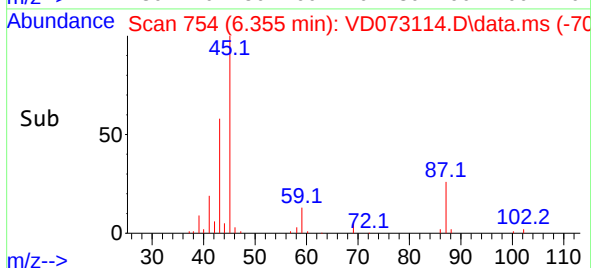
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

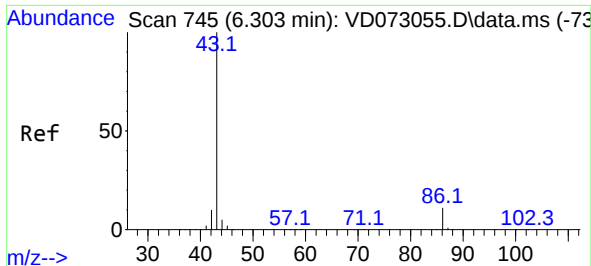


#22
Diisopropyl ether
Concen: 23.064 ug/l
RT: 6.355 min Scan# 754
Delta R.T. -0.006 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54



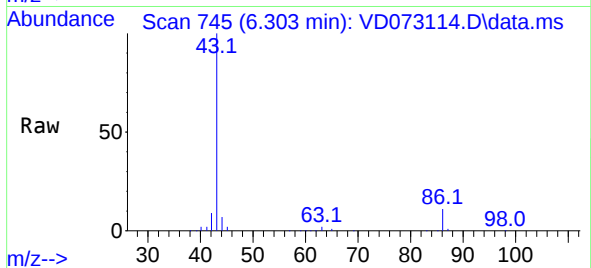
Tgt Ion: 45 Resp: 184434
Ion Ratio Lower Upper
45 100
43 56.9 46.6 70.0
87 26.4 18.4 27.6
59 12.5 8.6 13.0





#23
 Vinyl Acetate
 Concen: 120.413 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD073114.D
 Acq: 18 May 2022 23:54

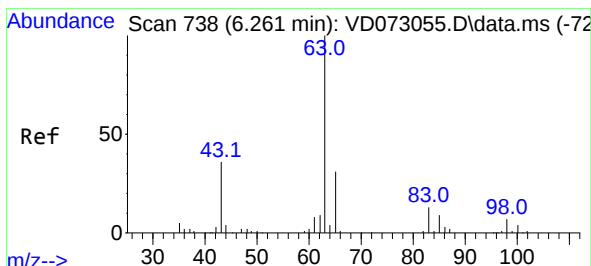
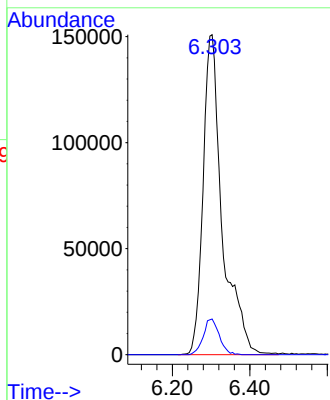
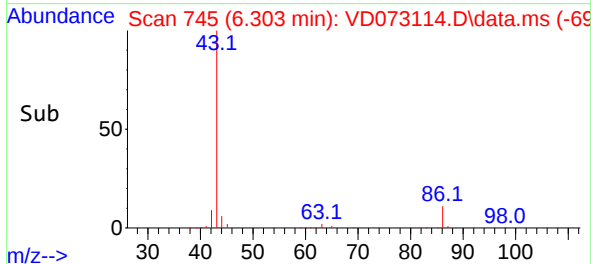
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0518SBS02



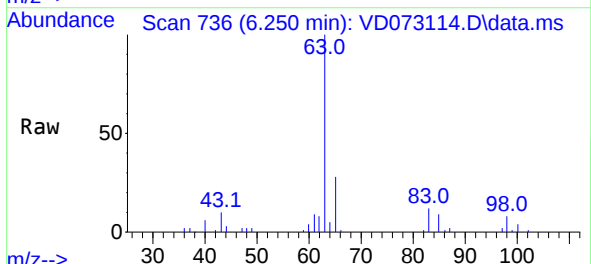
Tgt Ion: 43 Resp: 52017
 Ion Ratio Lower Upper
 43 100
 86 11.2 7.1 10.7

Manual Integrations
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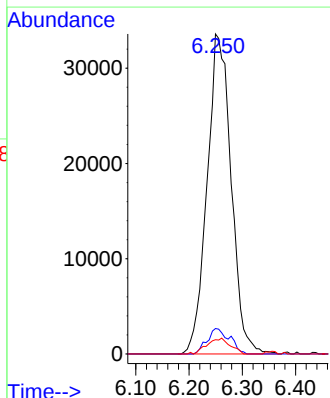
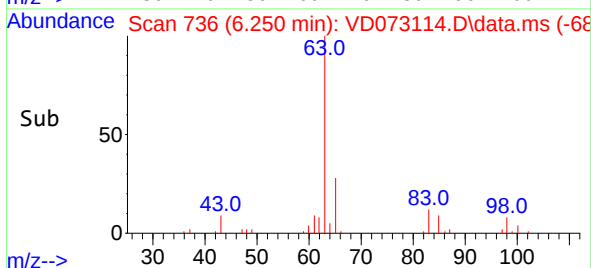
Reviewed By :John Carlone 05/19/2022
 Supervised By :Mahesh Dadoda 05/24/2022

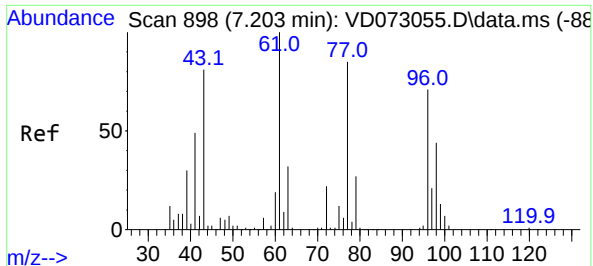


#24
 1,1-Dichloroethane
 Concen: 21.210 ug/l
 RT: 6.250 min Scan# 736
 Delta R.T. -0.012 min
 Lab File: VD073114.D
 Acq: 18 May 2022 23:54



Tgt Ion: 63 Resp: 105516
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.6 10.9
 100 4.5 2.1 6.5





#25

2-Butanone

Concen: 129.719 ug/l

RT: 7.202 min Scan# 898

Delta R.T. -0.000 min

Lab File: VD073114.D

Acq: 18 May 2022 23:54

Instrument :

MSVOA_D

ClientSampleId :

VD0518SBS02

Tgt Ion: 43 Resp: 89972

Ion Ratio Lower Upper

43 100

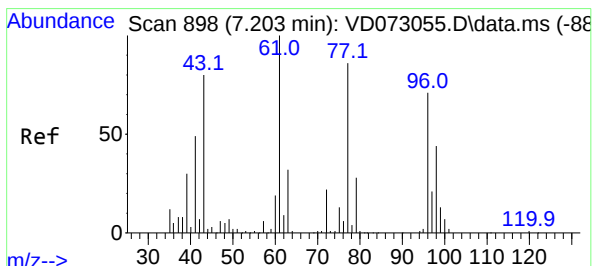
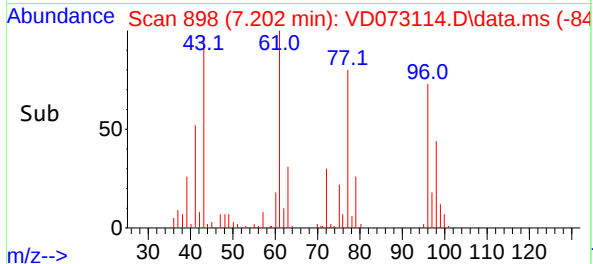
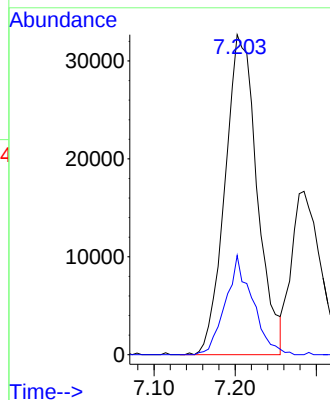
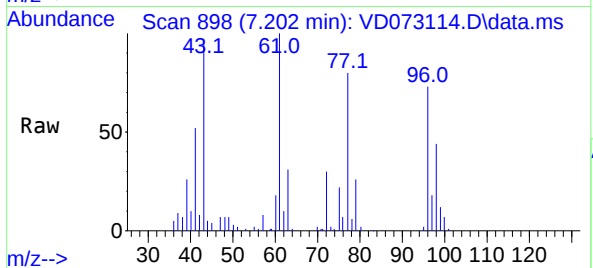
72 31.0 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2022

Supervised By :Mahesh Dadoda 05/24/2022



#26

2,2-Dichloropropane

Concen: 18.467 ug/l

RT: 7.202 min Scan# 898

Delta R.T. -0.000 min

Lab File: VD073114.D

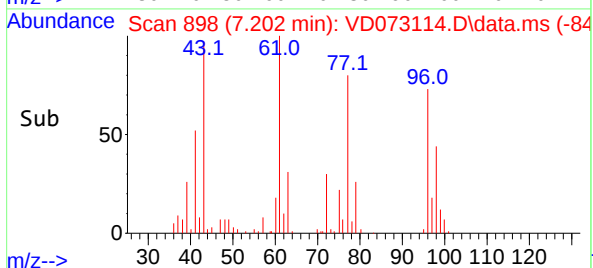
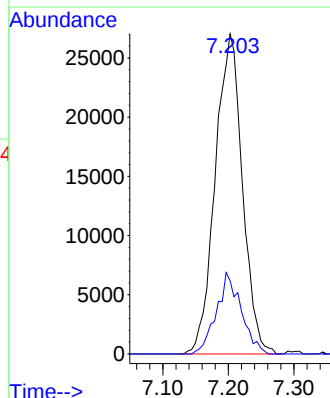
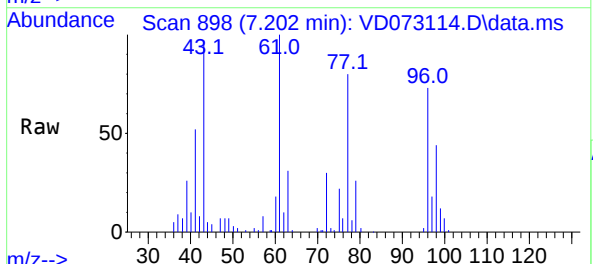
Acq: 18 May 2022 23:54

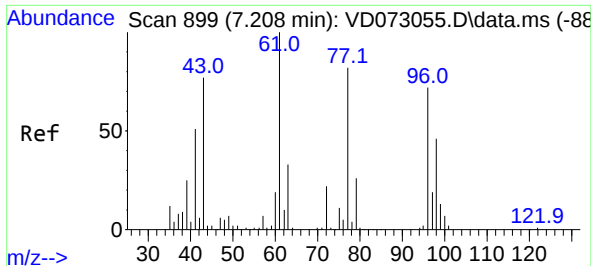
Tgt Ion: 77 Resp: 77781

Ion Ratio Lower Upper

77 100

97 23.1 10.8 32.4





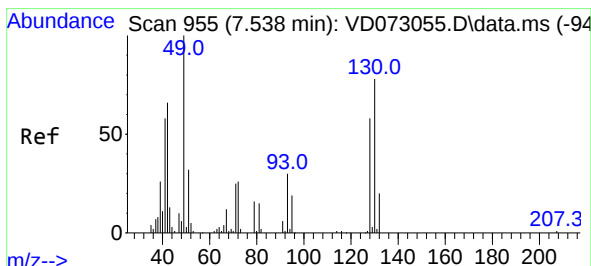
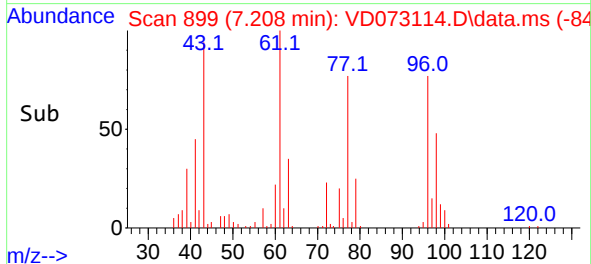
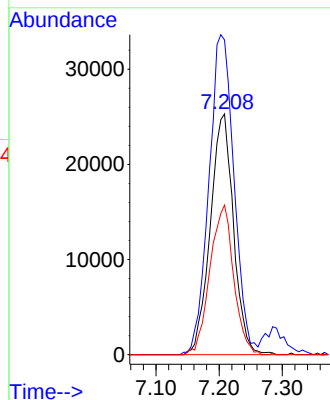
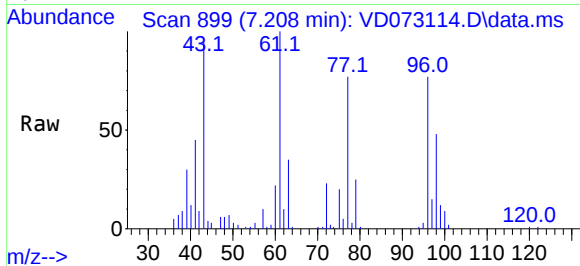
#27
cis-1,2-Dichloroethene
Concen: 21.034 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54

Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS02

Tgt Ion: 96 Resp: 6488
Ion Ratio Lower Upper
96 100
61 143.1 0.0 313.8
98 63.4 0.0 128.8

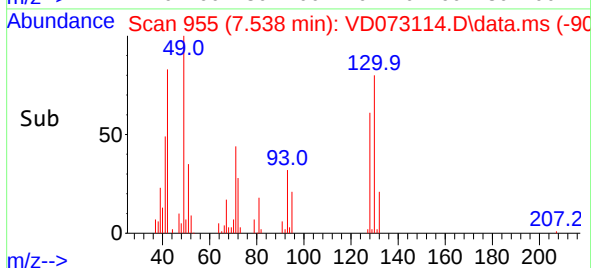
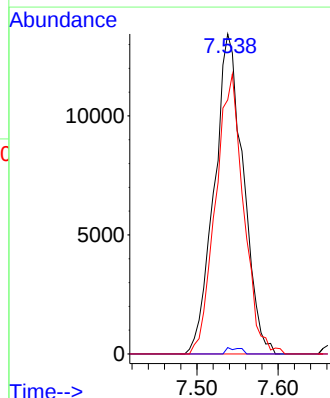
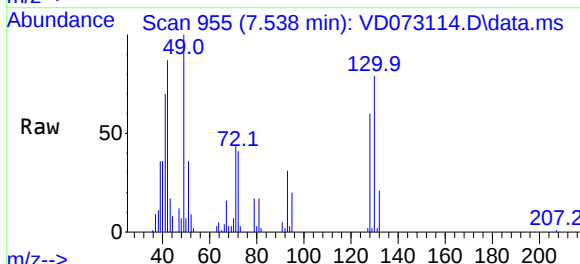
Manual Integrations
APPROVED

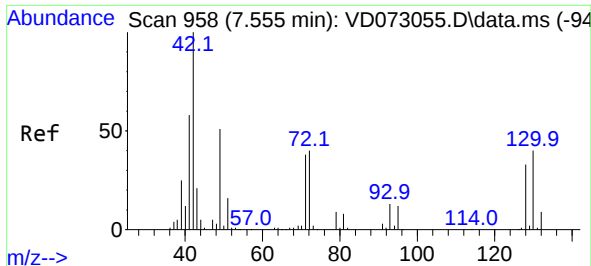
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#28
Bromochloromethane
Concen: 19.585 ug/l
RT: 7.538 min Scan# 955
Delta R.T. -0.000 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54

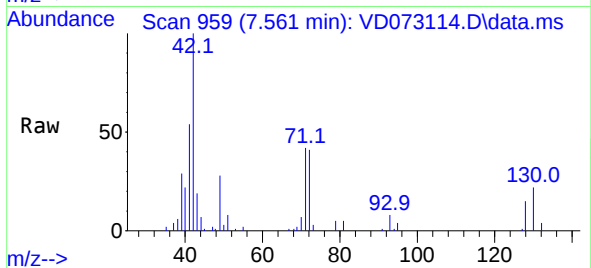
Tgt Ion: 49 Resp: 33375
Ion Ratio Lower Upper
49 100
129 1.0 0.0 4.0
130 84.4 52.6 79.0#





#29
Tetrahydrofuran
Concen: 135.755 ug/l
RT: 7.561 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54

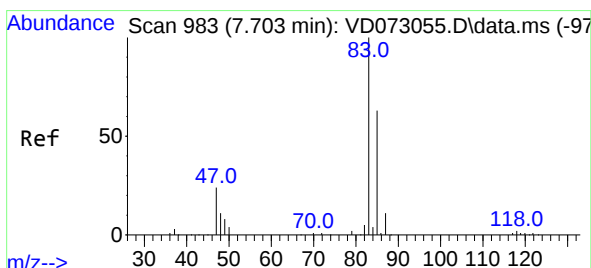
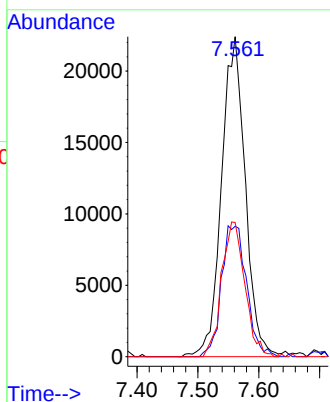
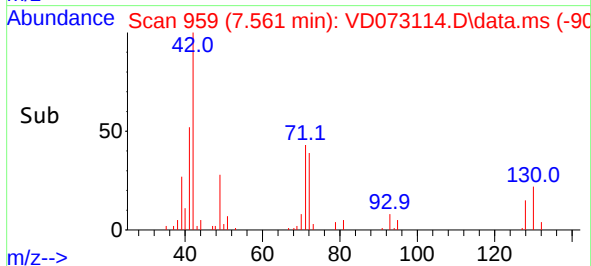
Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS02



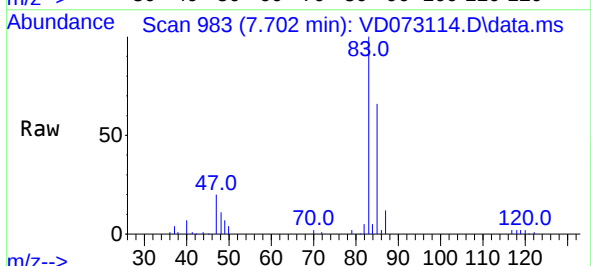
Tgt Ion: 42 Resp: 60588
Ion Ratio Lower Upper
42 100
72 43.3 30.7 46.1
71 41.2 28.6 43.0

Manual Integrations
APPROVED

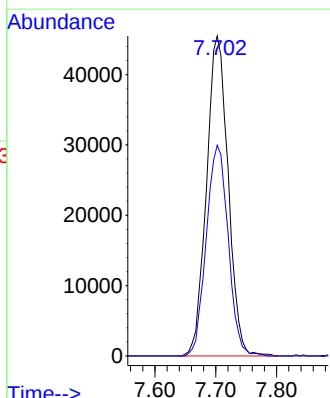
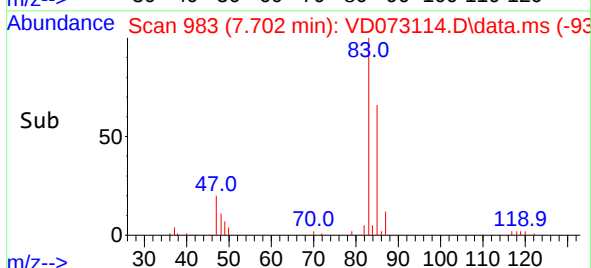
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

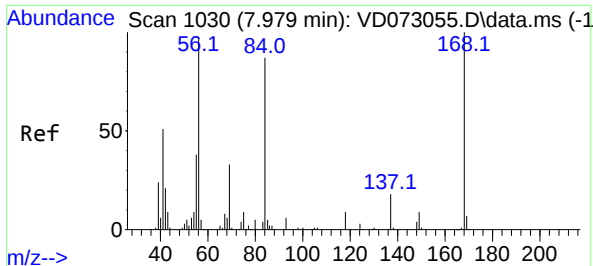


#30
Chloroform
Concen: 21.119 ug/l
RT: 7.702 min Scan# 983
Delta R.T. -0.000 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54



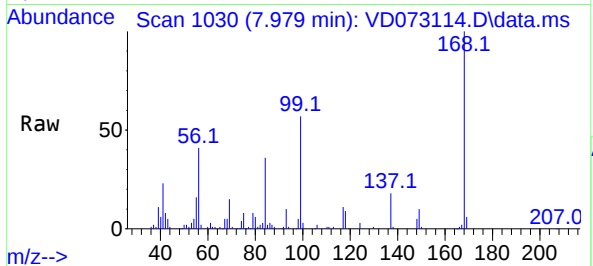
Tgt Ion: 83 Resp: 112413
Ion Ratio Lower Upper
83 100
85 65.9 52.7 79.1





#31
Cyclohexane
Concen: 17.784 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54

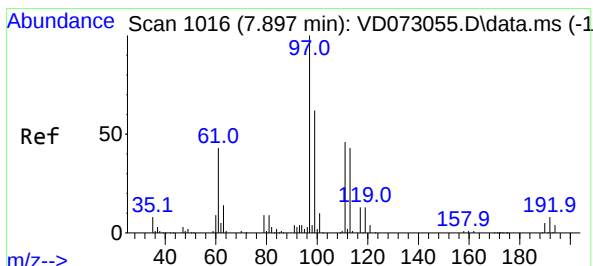
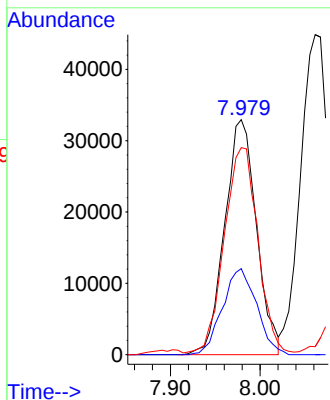
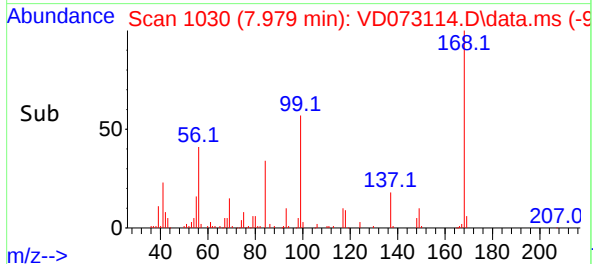
Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS02



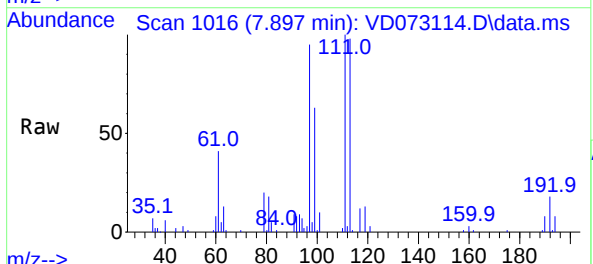
Tgt Ion: 56 Resp: 81080
Ion Ratio Lower Upper
56 100
69 36.6 25.4 38.2
84 86.1 63.0 94.4

Manual Integrations
APPROVED

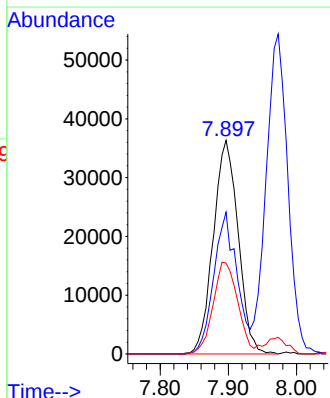
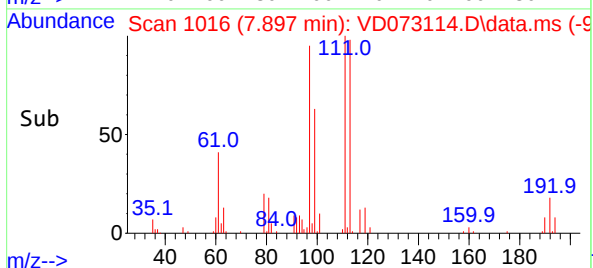
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

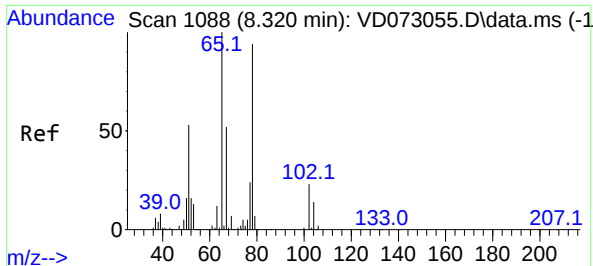


#32
1,1,1-Trichloroethane
Concen: 20.234 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. -0.000 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54



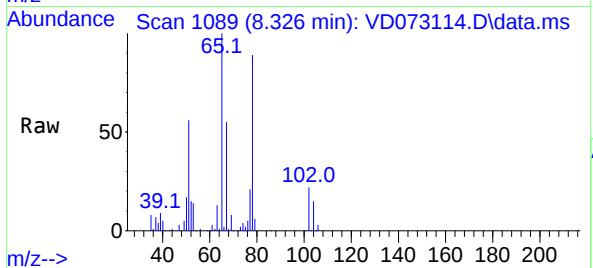
Tgt Ion: 97 Resp: 92275
Ion Ratio Lower Upper
97 100
99 62.1 52.4 78.6
61 42.6 38.0 57.0





#33
1,2-Dichloroethane-d4
Concen: 49.901 ug/l
RT: 8.326 min Scan# 1088
Delta R.T. 0.006 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54

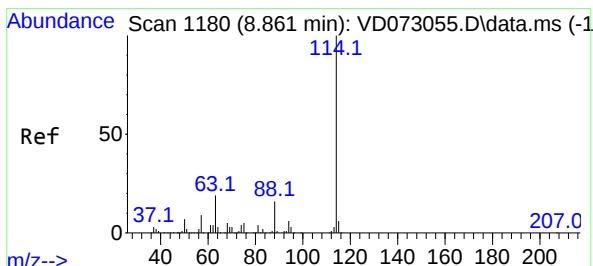
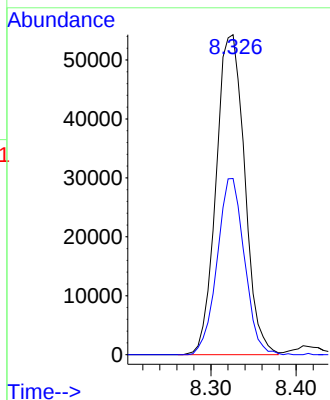
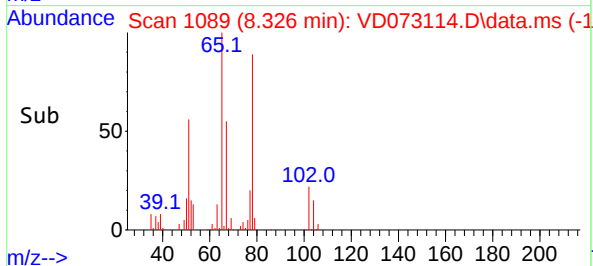
Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS02



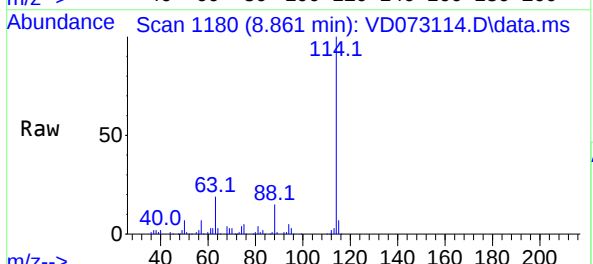
Tgt Ion: 65 Resp: 12630
Ion Ratio Lower Upper
65 100
67 52.7 0.0 101.4

Manual Integrations
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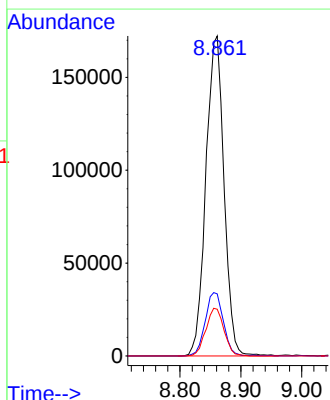
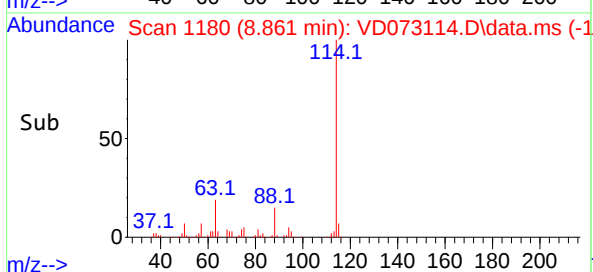
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

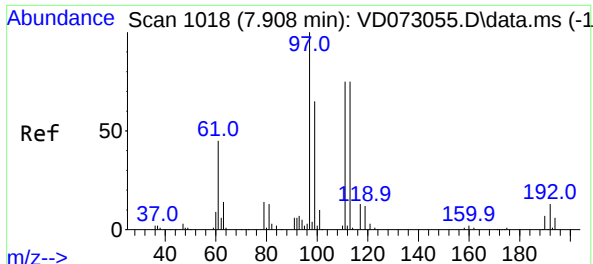


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54



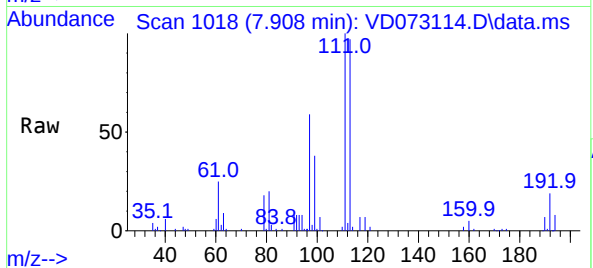
Tgt Ion:114 Resp: 356869
Ion Ratio Lower Upper
114 100
63 19.4 0.0 46.6
88 14.6 0.0 33.2





#35
Dibromofluoromethane
Concen: 43.630 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54

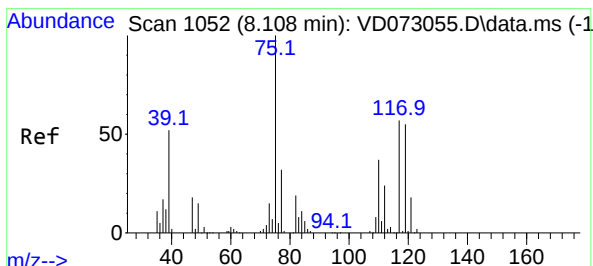
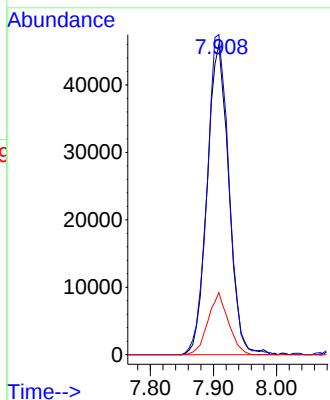
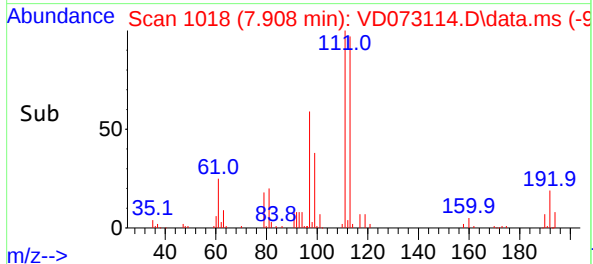
Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS02



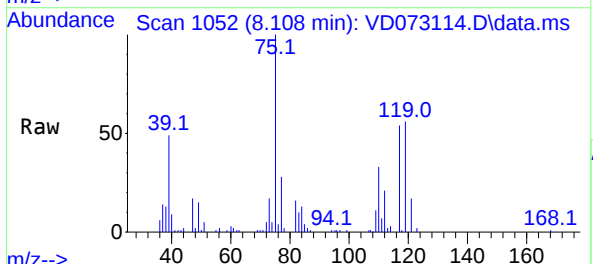
Tgt Ion: 113 Resp: 109320
Ion Ratio Lower Upper
113 100
111 104.0 83.8 125.6
192 18.8 14.6 21.8

Manual Integrations
APPROVED

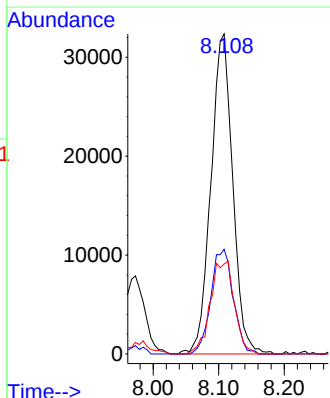
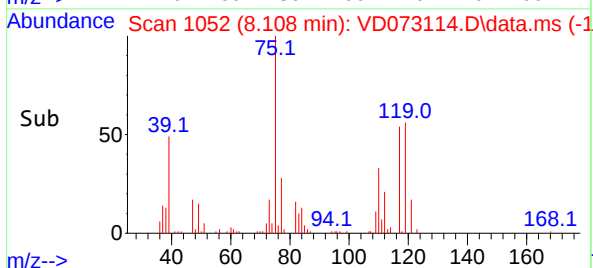
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

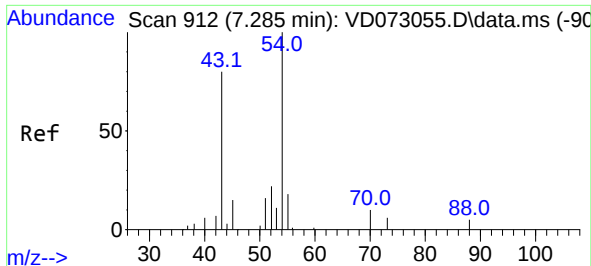


#36
1,1-Dichloropropene
Concen: 18.289 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54



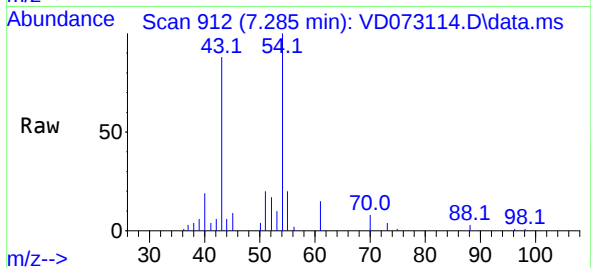
Tgt Ion: 75 Resp: 74669
Ion Ratio Lower Upper
75 100
110 33.6 16.4 49.1
77 32.0 24.2 36.2





#37
Ethyl Acetate
Concen: 24.343 ug/l
RT: 7.285 min Scan# 912
Delta R.T. -0.000 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54

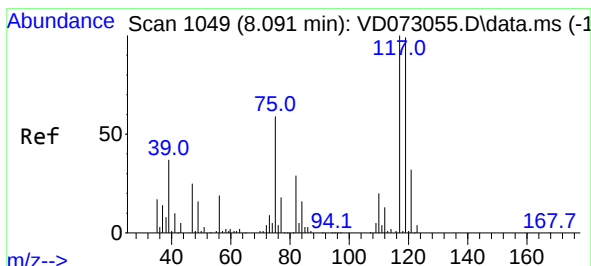
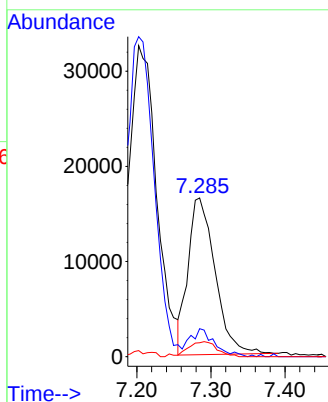
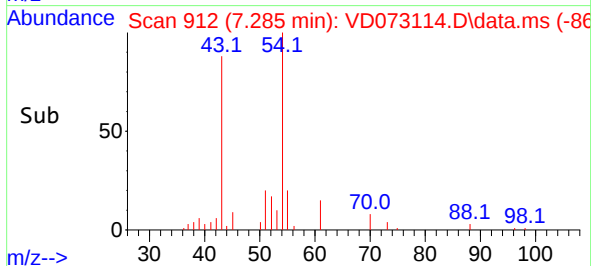
Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS02



Tgt Ion: 43 Resp: 41738
Ion Ratio Lower Upper
43 100
61 15.8 9.8 14.8
70 10.4 6.9 10.3

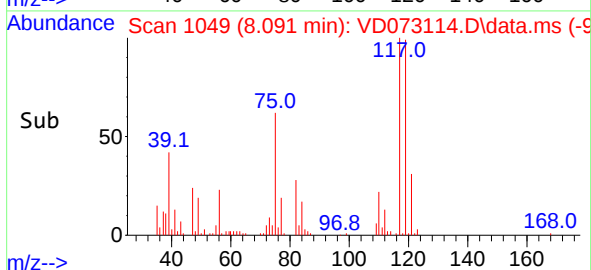
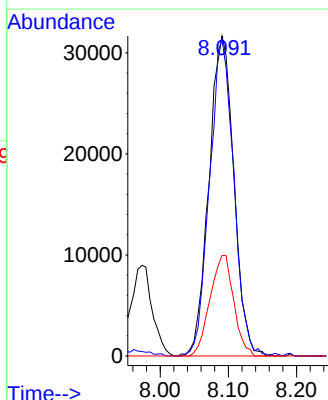
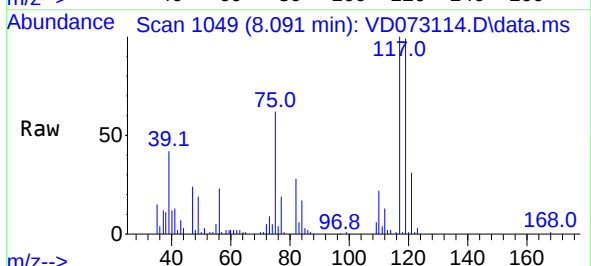
Manual Integrations
APPROVED

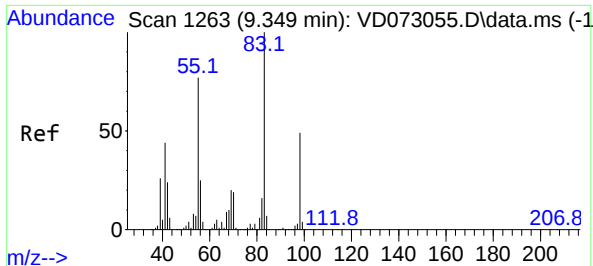
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#38
Carbon Tetrachloride
Concen: 19.255 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54

Tgt Ion:117 Resp: 80429
Ion Ratio Lower Upper
117 100
119 98.9 75.8 113.6
121 31.4 24.5 36.7





#39

Methylcyclohexane

Concen: 16.512 ug/l

RT: 9.349 min Scan# 1263

Delta R.T. -0.000 min

Lab File: VD073114.D

Acq: 18 May 2022 23:54

Instrument :

MSVOA_D

ClientSampleId :

VD0518SBS02

Tgt Ion: 83 Resp: 78609

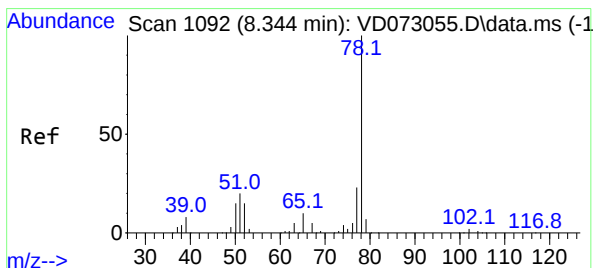
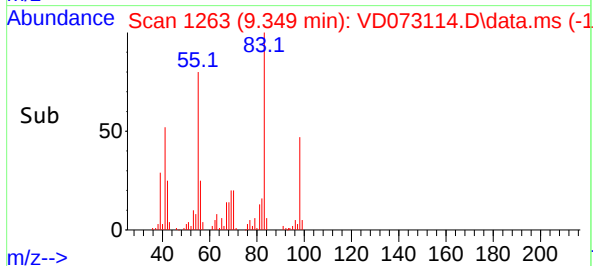
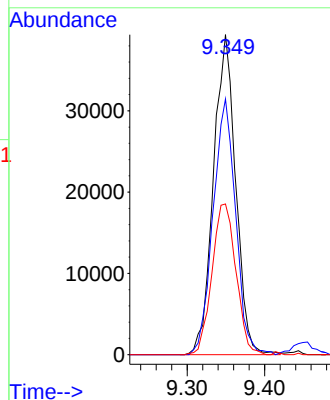
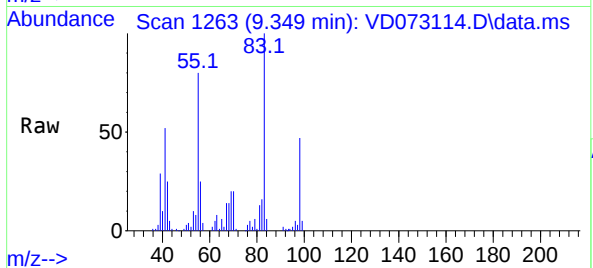
Ion	Ratio	Lower	Upper
83	100		
55	79.9	63.2	94.8
98	47.1	38.2	57.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2022

Supervised By :Mahesh Dadoda 05/24/2022



#40

Benzene

Concen: 19.544 ug/l

RT: 8.344 min Scan# 1092

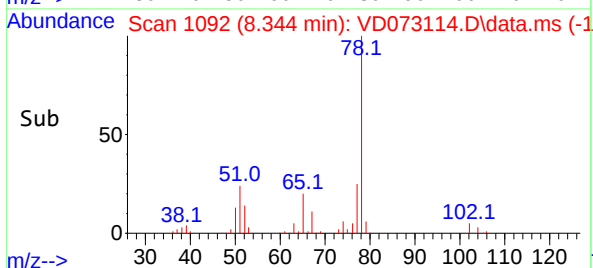
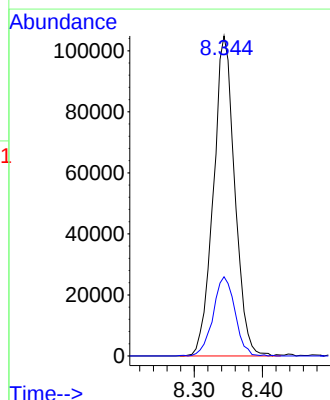
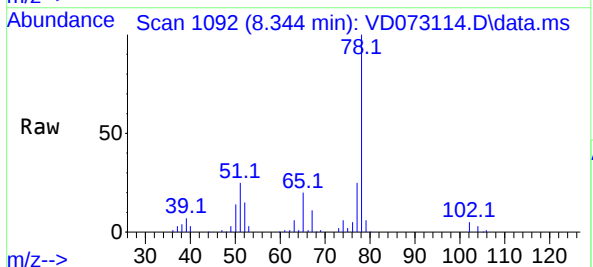
Delta R.T. -0.000 min

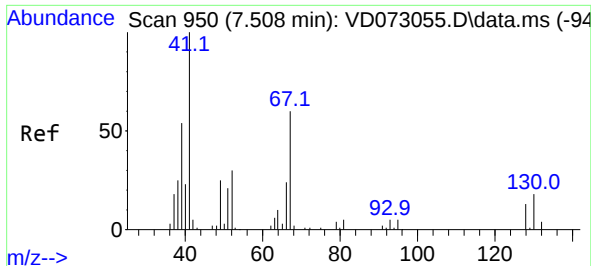
Lab File: VD073114.D

Acq: 18 May 2022 23:54

Tgt Ion: 78 Resp: 228153

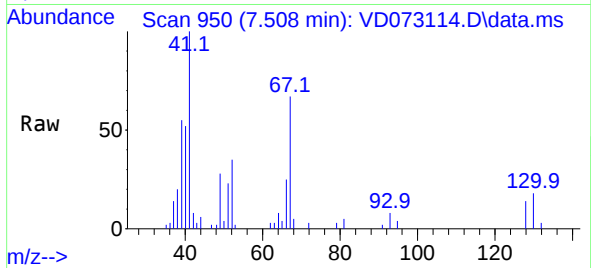
Ion	Ratio	Lower	Upper
78	100		
77	24.8	19.1	28.7





#41
Methacrylonitrile
Concen: 21.745 ug/l
RT: 7.508 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54

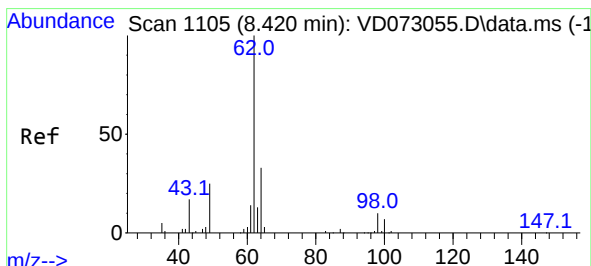
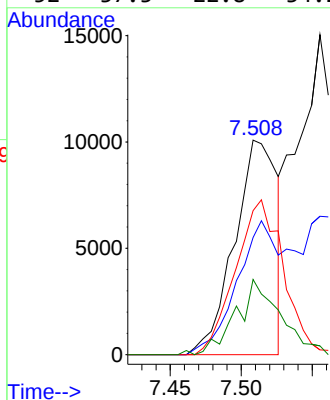
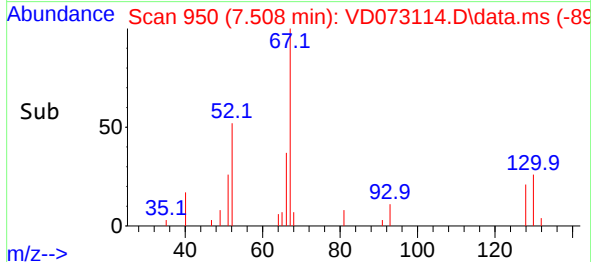
Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS02



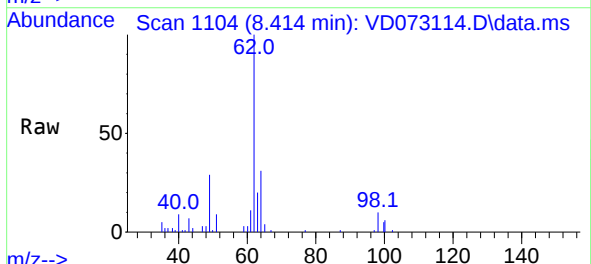
Tgt Ion: 41 Resp: 21024
Ion Ratio Lower Upper
41 100
39 74.8 44.6 67.0
67 81.8 48.2 72.4
52 37.3 22.8 34.2

Manual Integrations
APPROVED

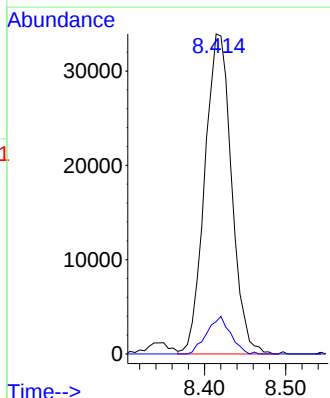
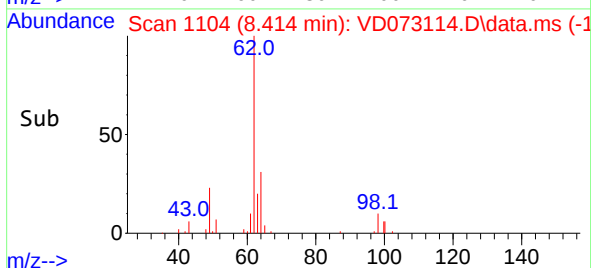
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

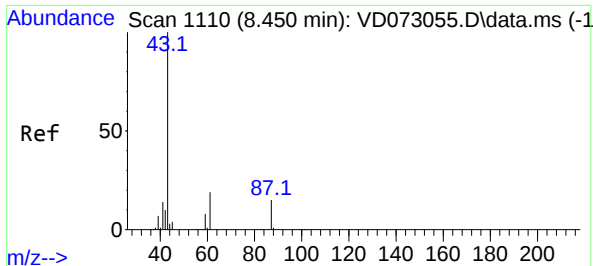


#42
1,2-Dichloroethane
Concen: 22.924 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54



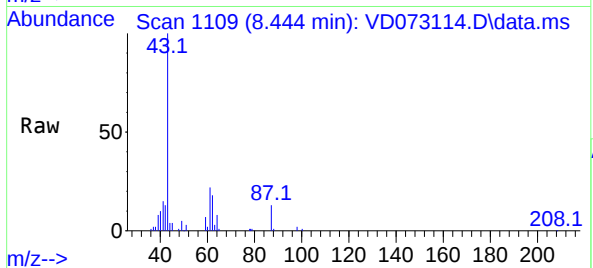
Tgt Ion: 62 Resp: 77894
Ion Ratio Lower Upper
62 100
98 10.4 0.0 17.6





#43
Isopropyl Acetate
Concen: 23.892 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54

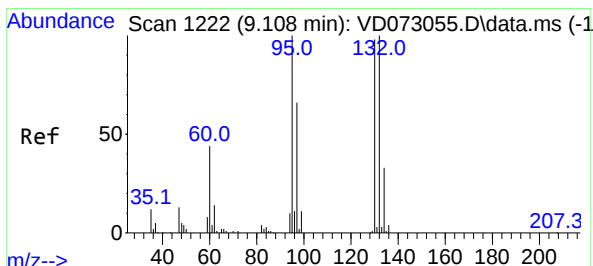
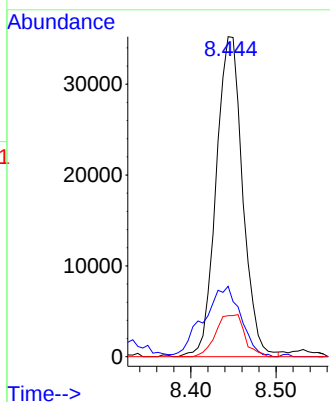
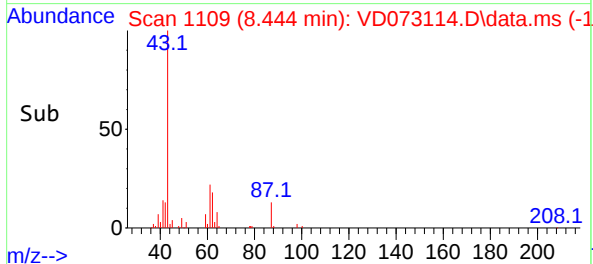
Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS02



Tgt Ion: 43 Resp: 7616
Ion Ratio Lower Upper
43 100
61 30.9 22.4 33.6
87 14.3 8.7 13.1

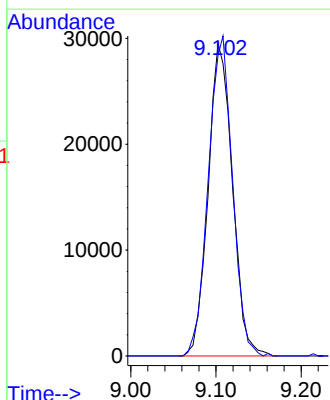
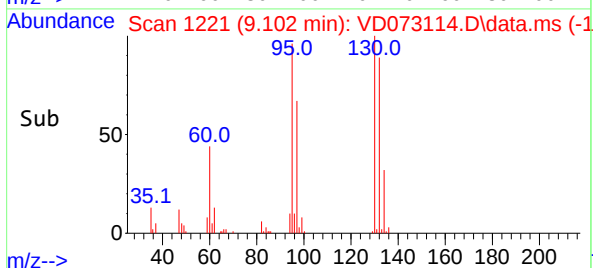
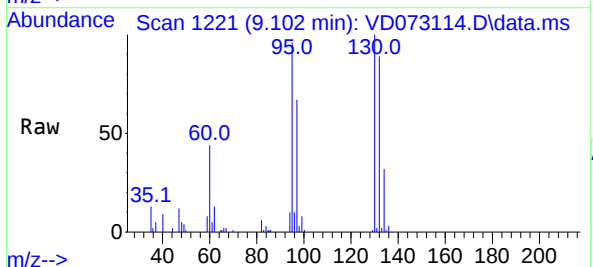
Manual Integrations
APPROVED

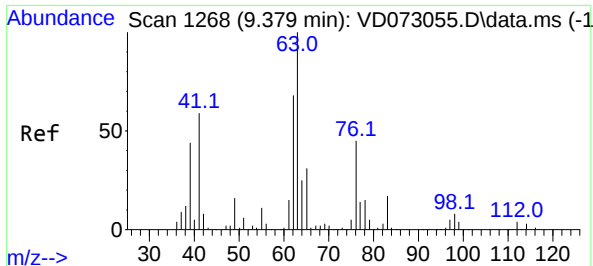
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#44
Trichloroethene
Concen: 18.526 ug/l
RT: 9.102 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54

Tgt Ion:130 Resp: 58496
Ion Ratio Lower Upper
130 100
95 96.1 0.0 205.4





#45

1,2-Dichloropropane

Concen: 21.306 ug/l

RT: 9.385 min Scan# 1269

Delta R.T. 0.006 min

Lab File: VD073114.D

Acq: 18 May 2022 23:54

Instrument :

MSVOA_D

ClientSampleId :

VD0518SBS02

Tgt Ion: 63 Resp: 64590

Ion Ratio Lower Upper

63 100

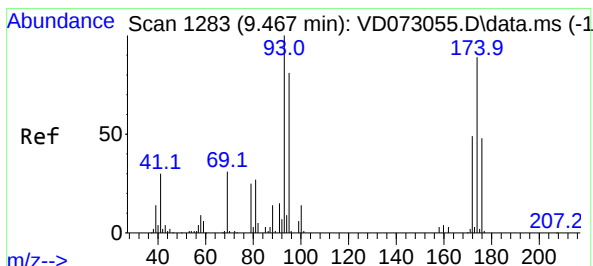
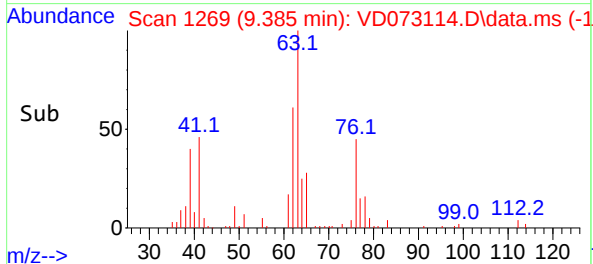
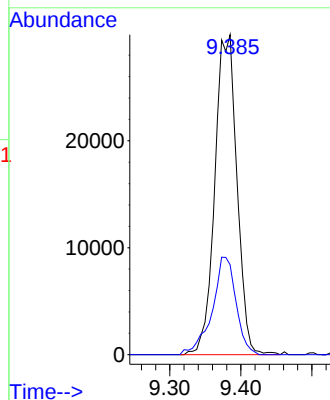
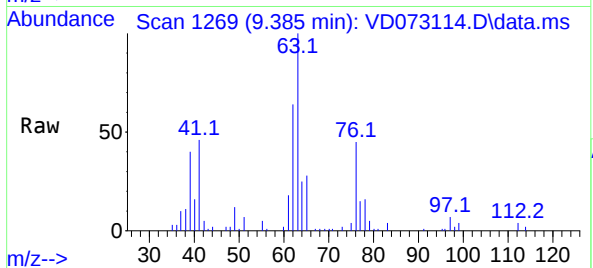
65 28.1 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2022

Supervised By :Mahesh Dadoda 05/24/2022



#46

Dibromomethane

Concen: 22.687 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. -0.000 min

Lab File: VD073114.D

Acq: 18 May 2022 23:54

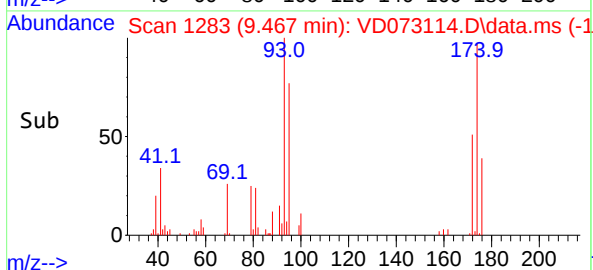
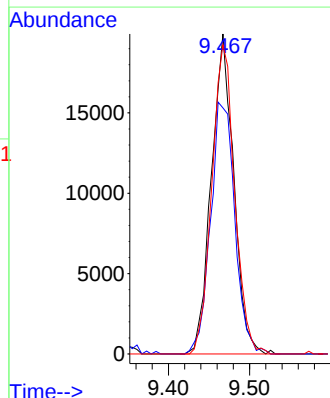
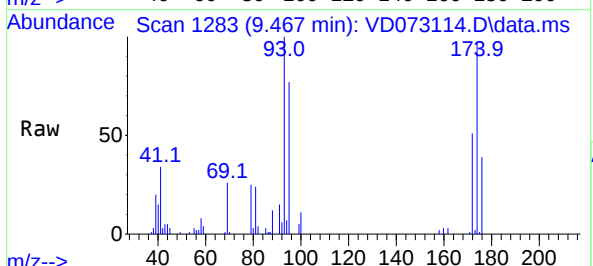
Tgt Ion: 93 Resp: 38030

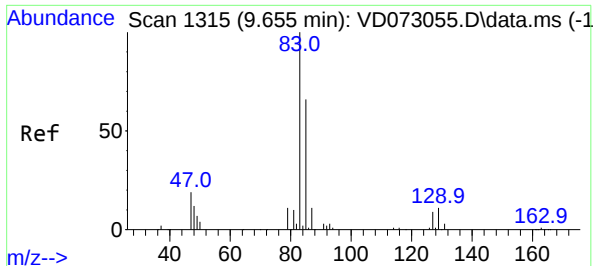
Ion Ratio Lower Upper

93 100

95 85.6 66.7 100.1

174 98.8 71.6 107.4





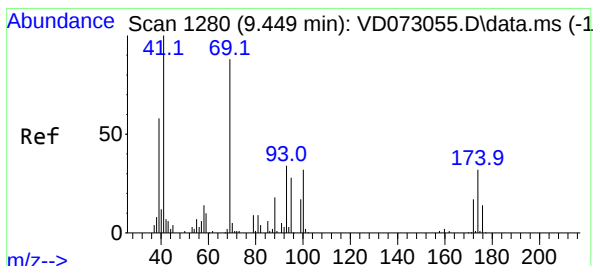
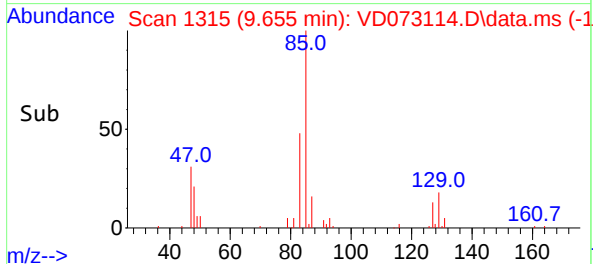
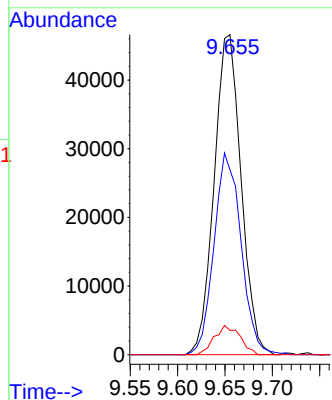
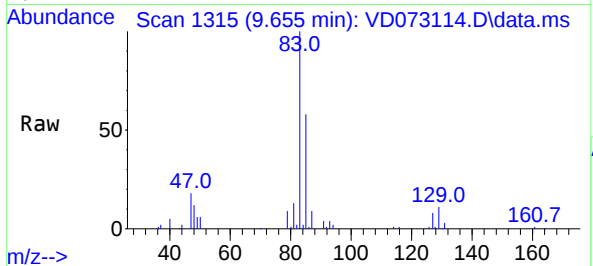
#47
Bromodichloromethane
Concen: 21.720 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54

Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS02

Tgt Ion: 83 Resp: 92474
Ion Ratio Lower Upper
83 100
85 57.7 51.4 77.0
127 7.6 6.1 9.1

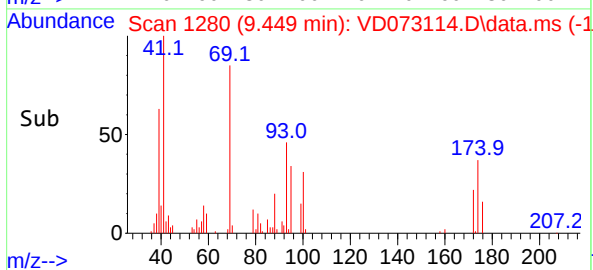
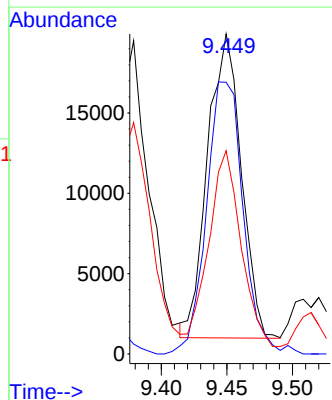
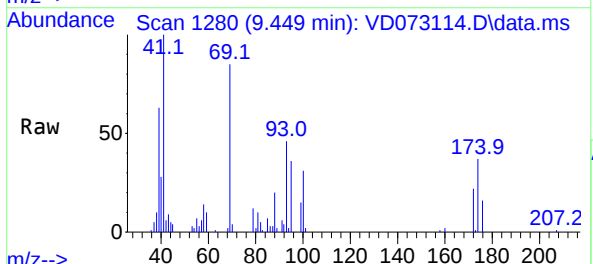
Manual Integrations
APPROVED

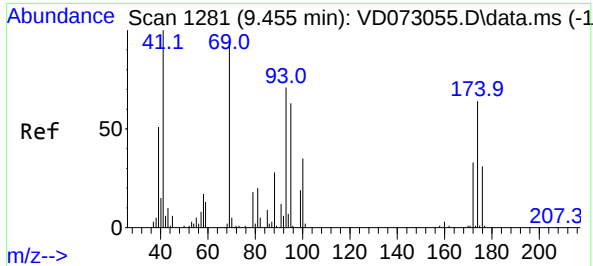
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#48
Methyl methacrylate
Concen: 21.354 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54

Tgt Ion: 41 Resp: 33765
Ion Ratio Lower Upper
41 100
69 97.9 56.7 85.1#
39 68.3 42.7 64.1#





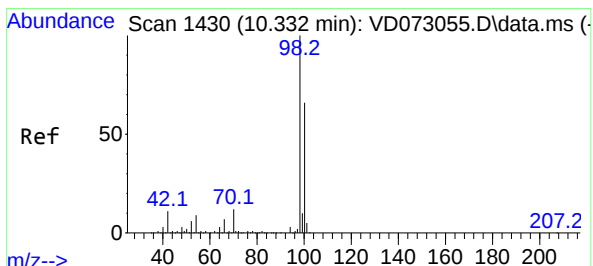
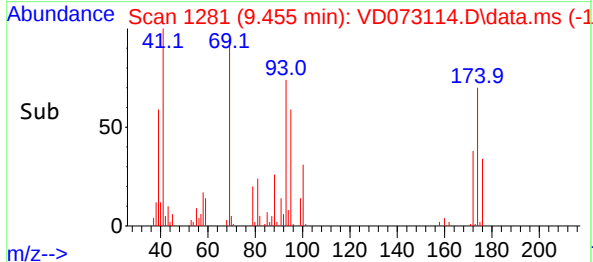
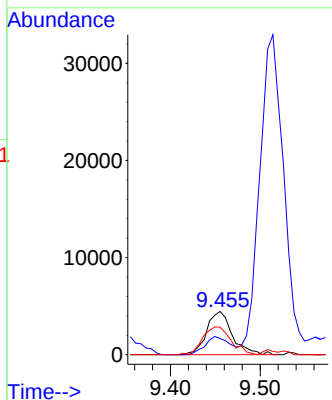
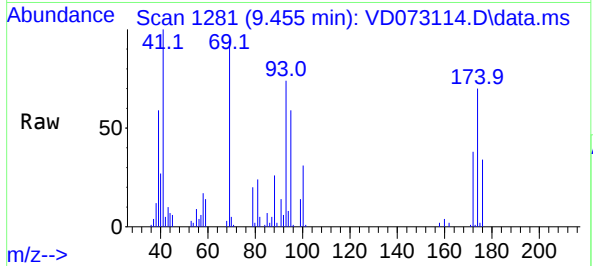
#49
1,4-Dioxane
Concen: 506.235 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. -0.000 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54

Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS02

Tgt Ion: 88 Resp: 8835
Ion Ratio Lower Upper
88 100
43 39.6 31.0 46.4
58 70.8 58.1 87.1

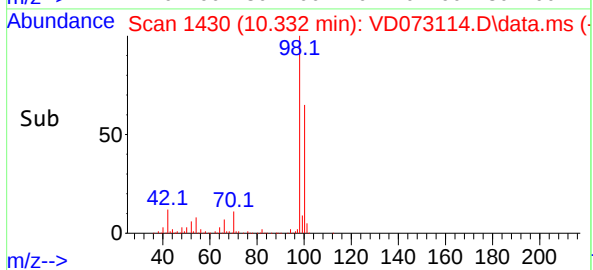
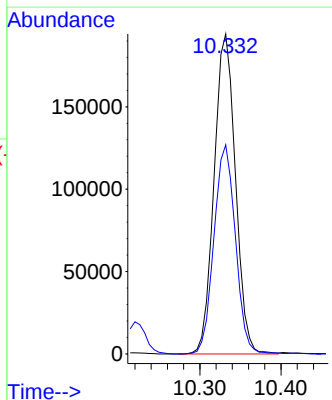
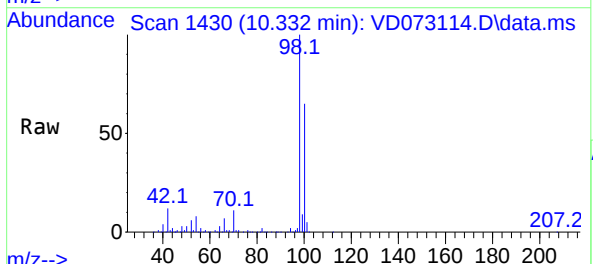
Manual Integrations
APPROVED

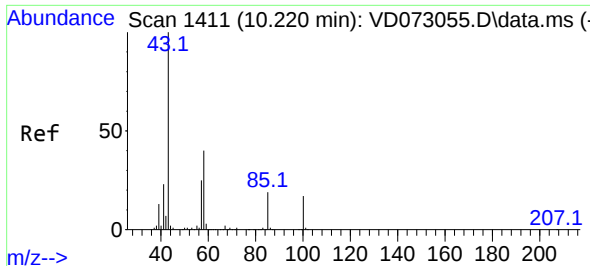
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#50
Toluene-d8
Concen: 39.118 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54

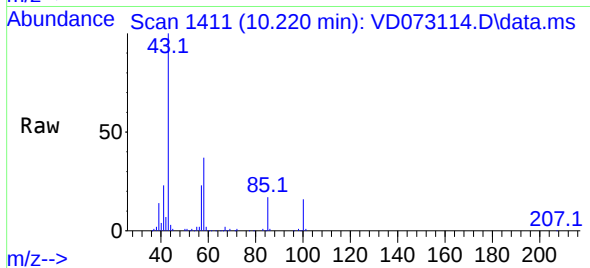
Tgt Ion: 98 Resp: 355575
Ion Ratio Lower Upper
98 100
100 65.6 52.4 78.6





#51
4-Methyl-2-Pentanone
Concen: 130.989 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54

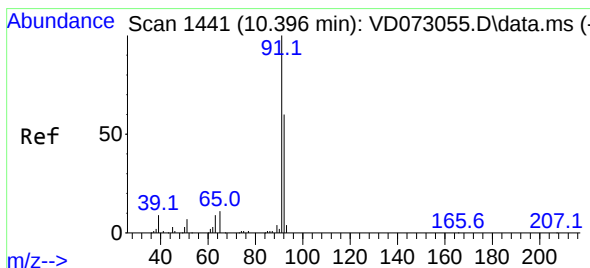
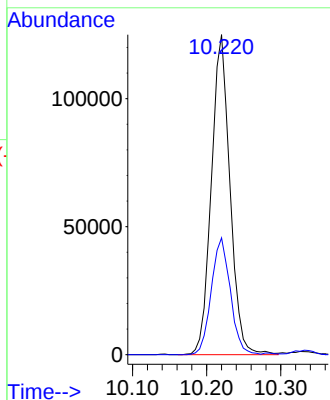
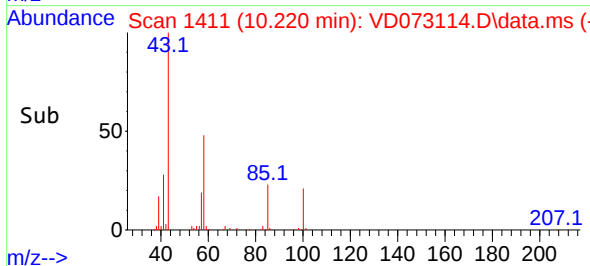
Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS02



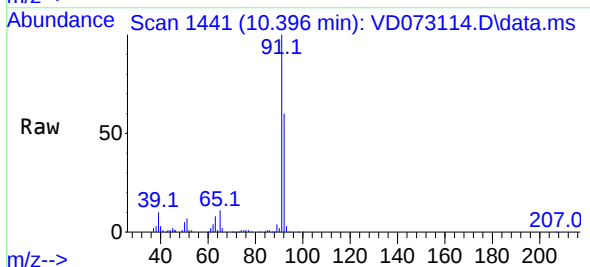
Tgt Ion: 43 Resp: 217910
Ion Ratio Lower Upper
43 100
58 37.3 28.6 43.0

Manual Integrations
APPROVED

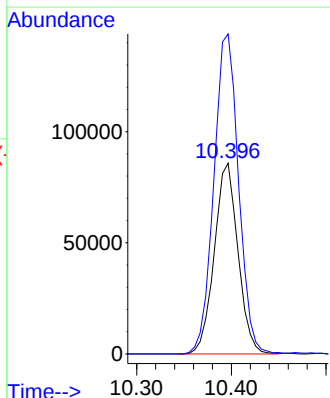
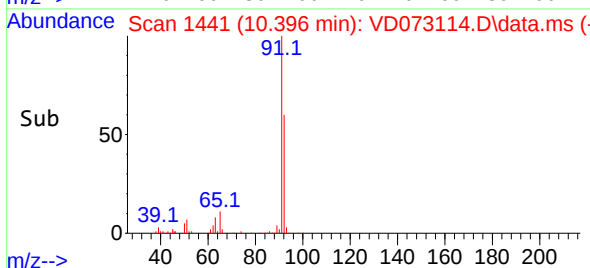
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

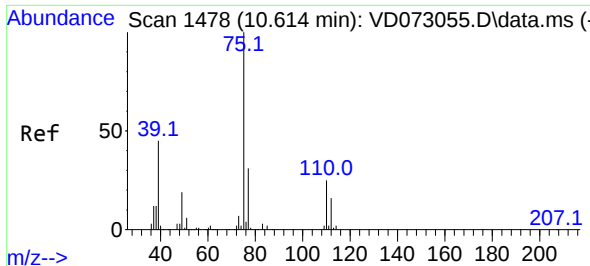


#52
Toluene
Concen: 20.124 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54



Tgt Ion: 92 Resp: 149151
Ion Ratio Lower Upper
92 100
91 174.9 139.6 209.4





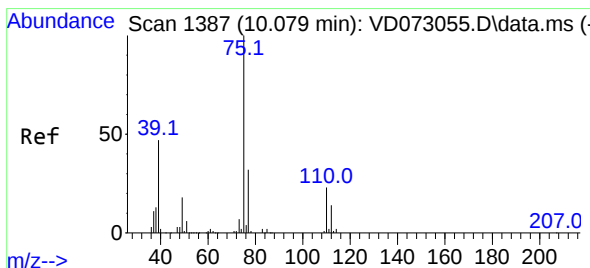
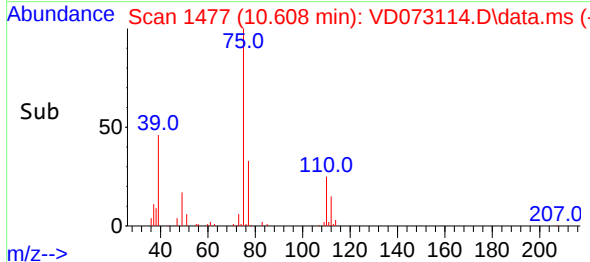
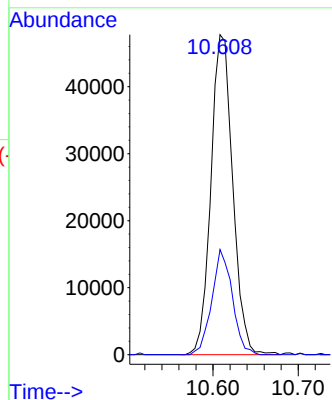
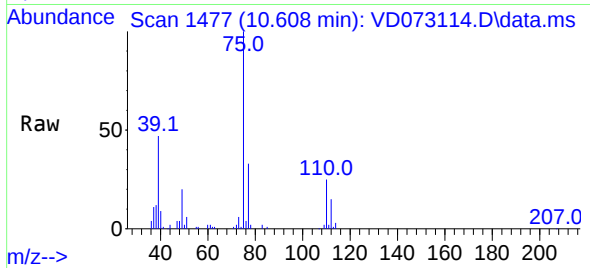
#53
t-1,3-Dichloropropene
Concen: 21.859 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54

Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS02

Tgt Ion: 75 Resp: 8487
Ion Ratio Lower Upper
75 100
77 32.9 24.5 36.7

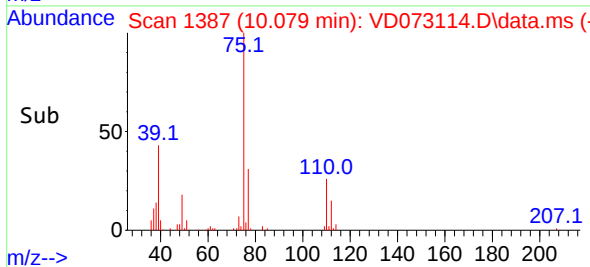
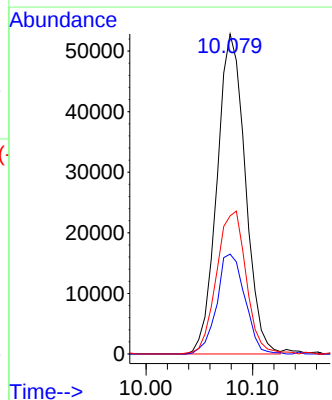
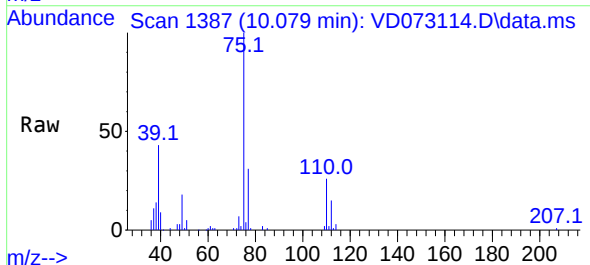
Manual Integrations
APPROVED

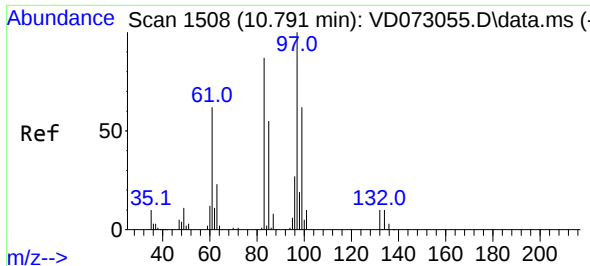
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#54
cis-1,3-Dichloropropene
Concen: 21.259 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54

Tgt Ion: 75 Resp: 97326
Ion Ratio Lower Upper
75 100
77 31.2 24.8 37.2
39 43.1 46.8 70.2#





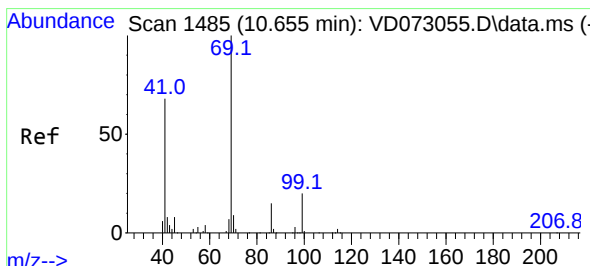
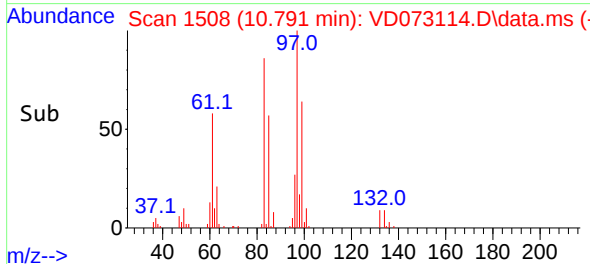
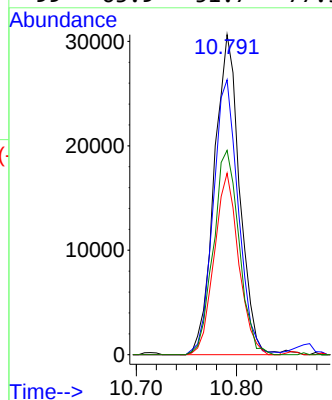
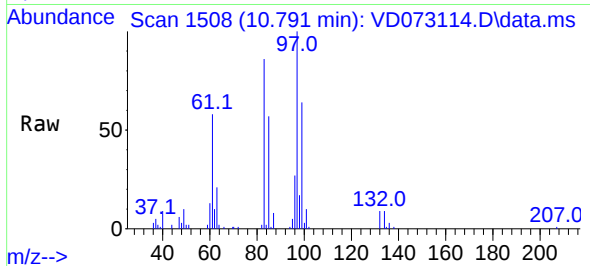
#55
1,1,2-Trichloroethane
Concen: 23.510 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54

Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS02

Tgt Ion: 97	Resp: 5379
Ion Ratio	Lower Upper
97 100	
83 85.9	69.0 103.4
85 56.7	42.6 63.8
99 63.9	51.7 77.5

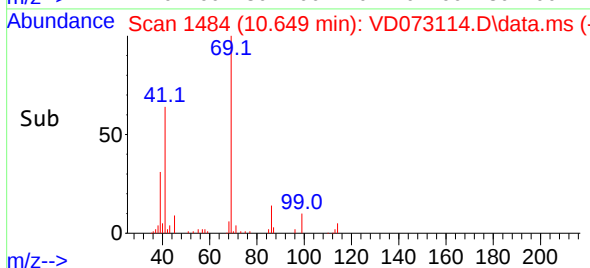
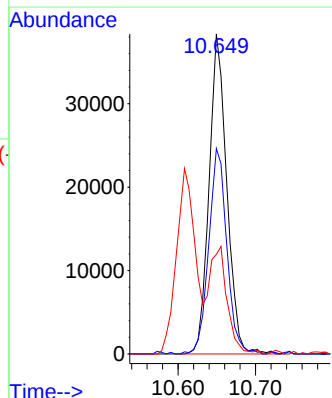
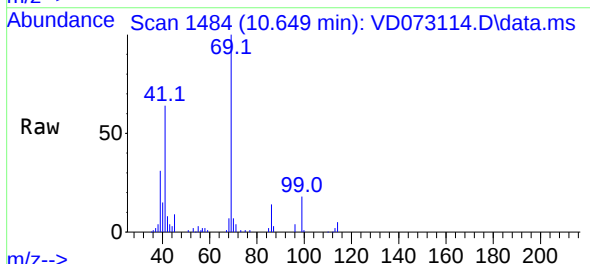
Manual Integrations
APPROVED

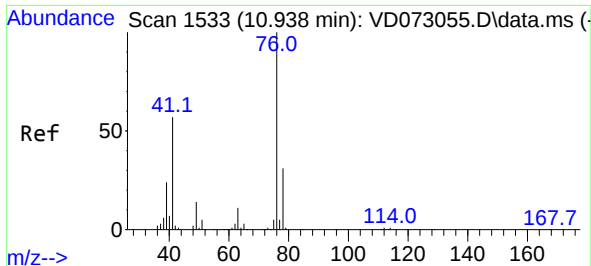
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#56
Ethyl methacrylate
Concen: 23.530 ug/l
RT: 10.649 min Scan# 1484
Delta R.T. -0.006 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54

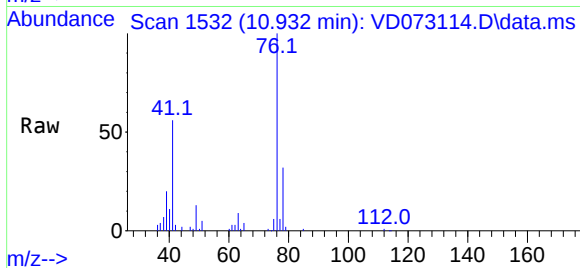
Tgt Ion: 69	Resp: 60888
Ion Ratio	Lower Upper
69 100	
41 65.9	63.0 94.6
39 34.5	33.8 50.8





#57
1,3-Dichloropropane
Concen: 23.005 ug/l
RT: 10.932 min Scan# 1533
Delta R.T. -0.006 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54

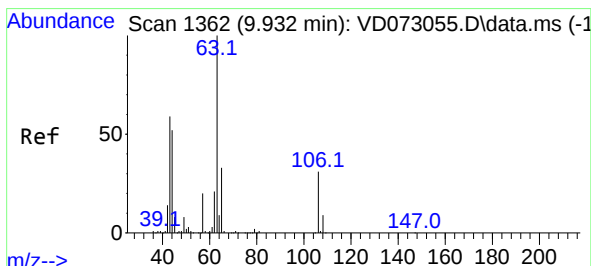
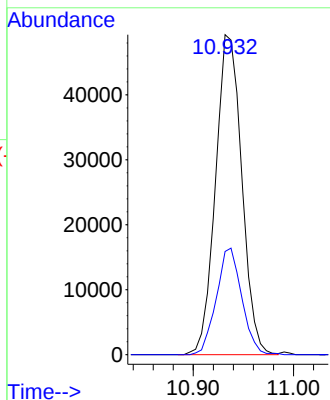
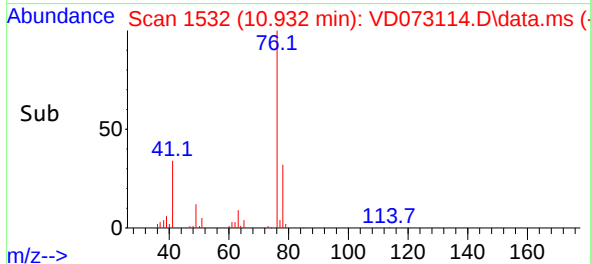
Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS02



Tgt Ion: 76 Resp: 89562
Ion Ratio Lower Upper
76 100
78 32.2 26.0 39.0

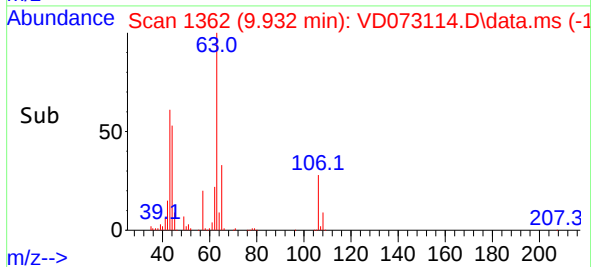
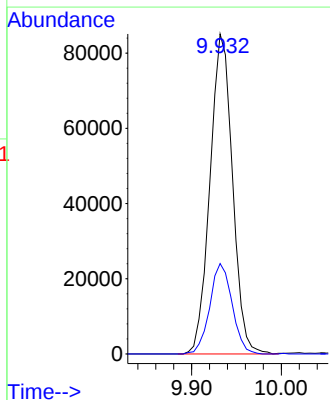
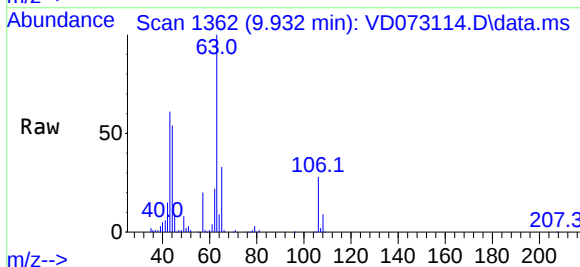
Manual Integrations
APPROVED

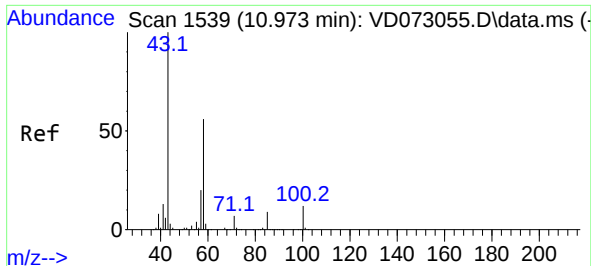
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#58
2-Chloroethyl Vinyl ether
Concen: 120.610 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54

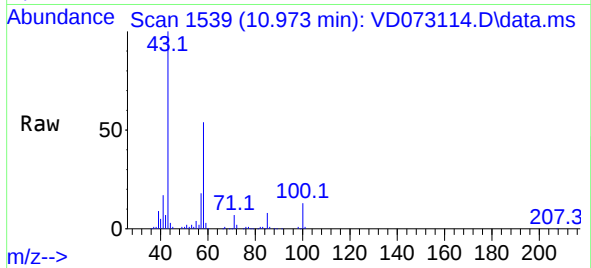
Tgt Ion: 63 Resp: 148264
Ion Ratio Lower Upper
63 100
106 28.0 21.4 32.0





#59
2-Hexanone
Concen: 128.042 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54

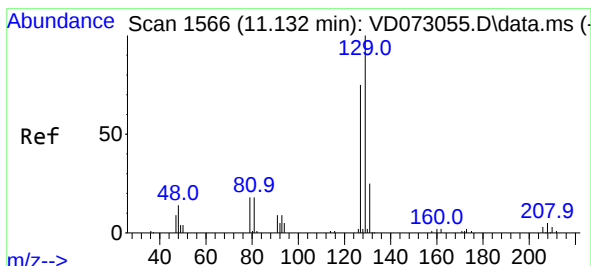
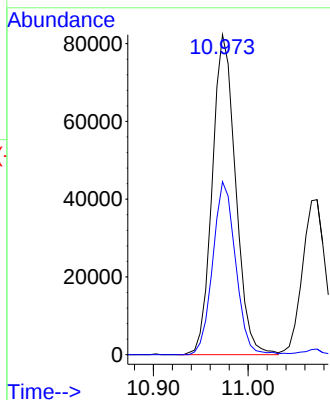
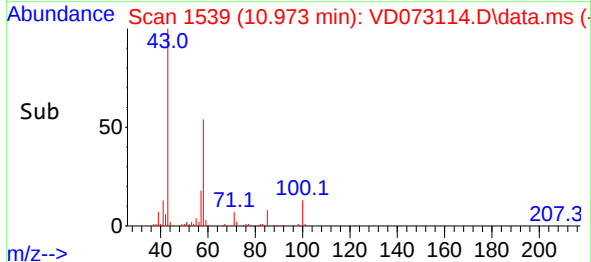
Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS02



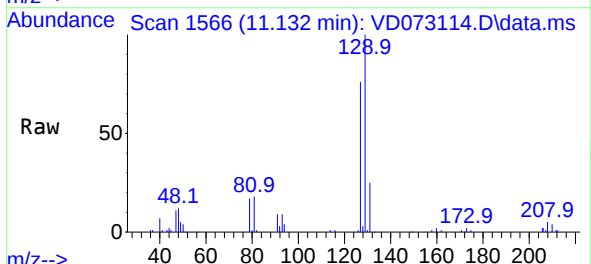
Tgt Ion: 43 Resp: 140712
Ion Ratio Lower Upper
43 100
58 53.0 25.3 75.9

Manual Integrations
APPROVED

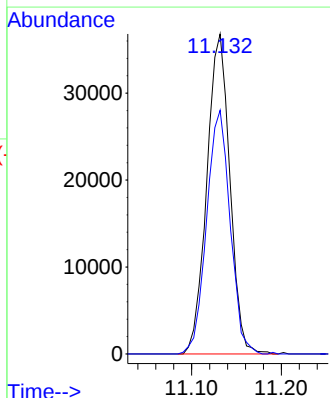
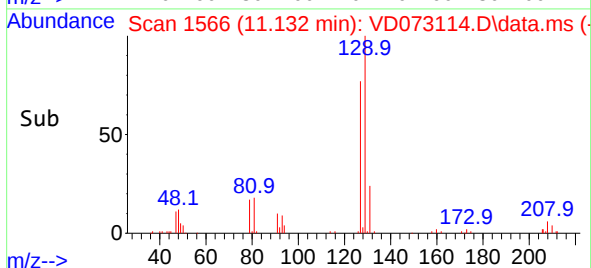
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

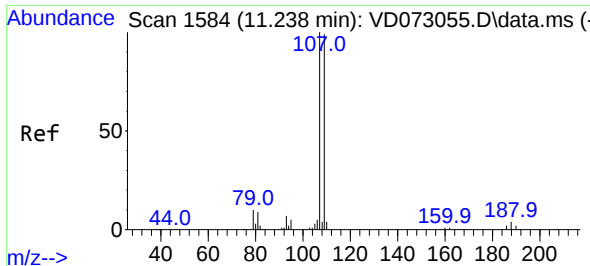


#60
Dibromochloromethane
Concen: 23.072 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54



Tgt Ion:129 Resp: 65586
Ion Ratio Lower Upper
129 100
127 77.8 39.2 117.6





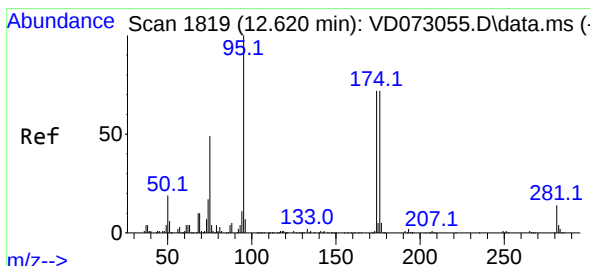
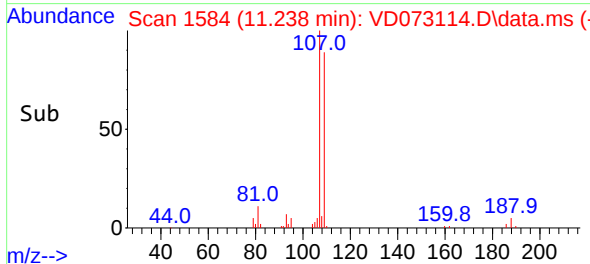
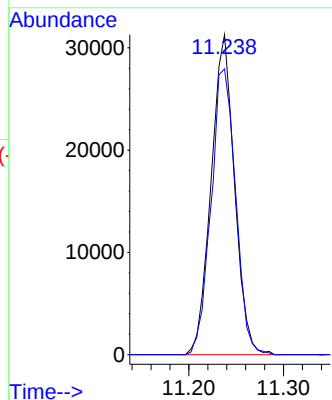
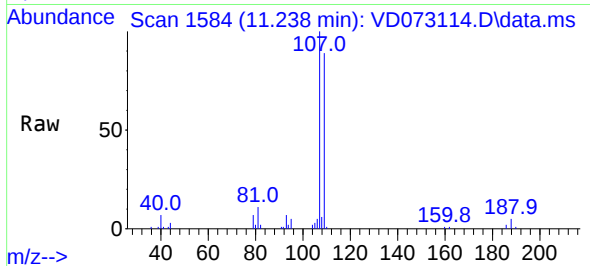
#61
1,2-Dibromoethane
Concen: 24.328 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54

Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS02

Tgt Ion:107 Resp: 53564
Ion Ratio Lower Upper
107 100
109 94.1 74.2 111.4

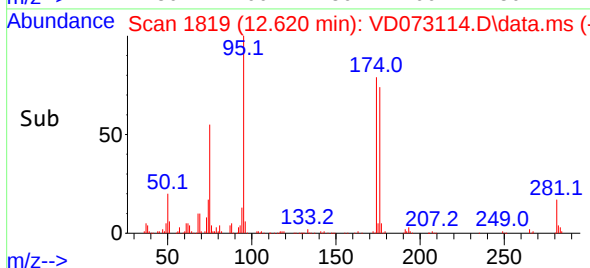
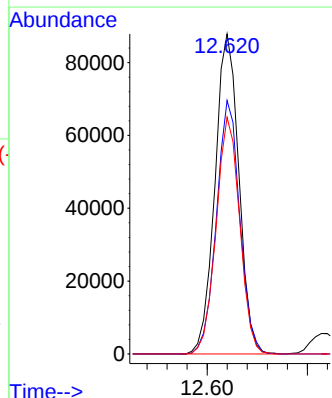
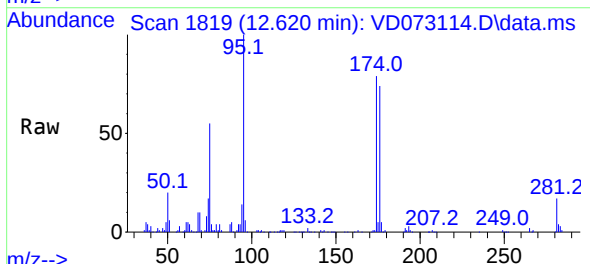
Manual Integrations
APPROVED

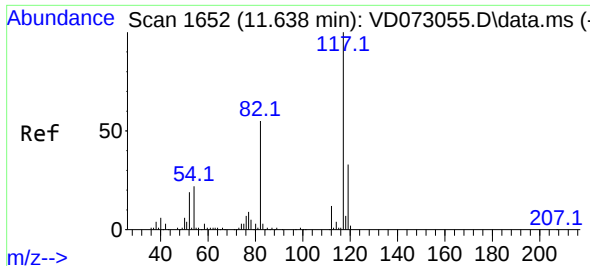
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#62
4-Bromofluorobenzene
Concen: 44.035 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54

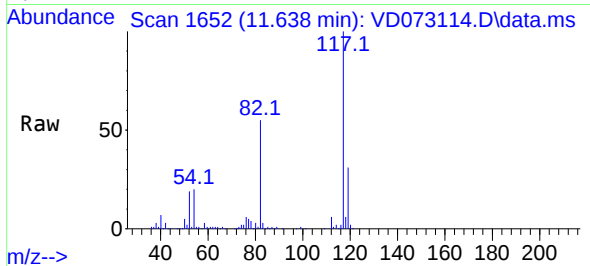
Tgt Ion: 95 Resp: 144979
Ion Ratio Lower Upper
95 100
174 77.6 0.0 152.8
176 72.7 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54

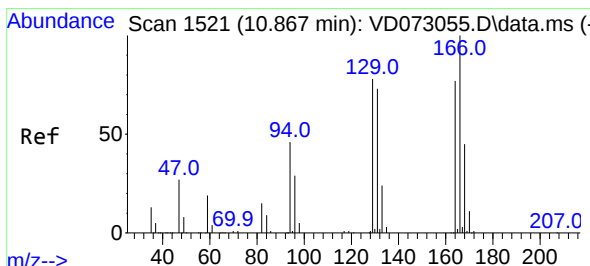
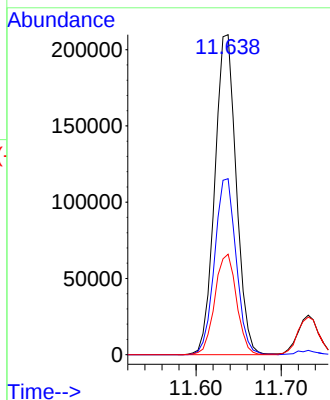
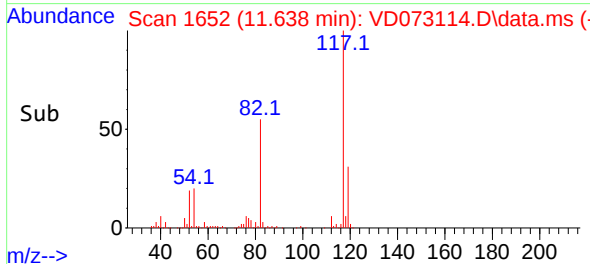
Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS02



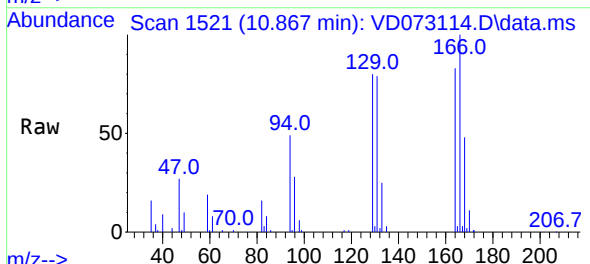
Tgt Ion:117 Resp: 36682
Ion Ratio Lower Upper
117 100
82 55.0 45.3 67.9
119 31.4 26.6 40.0

Manual Integrations
APPROVED

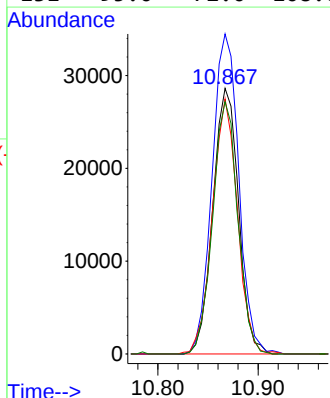
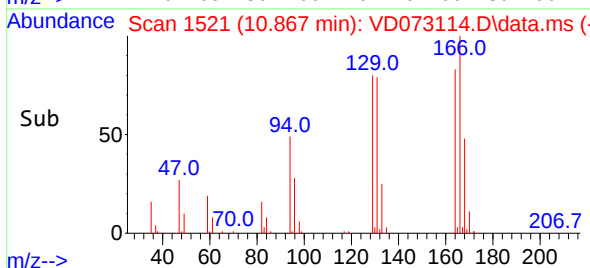
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

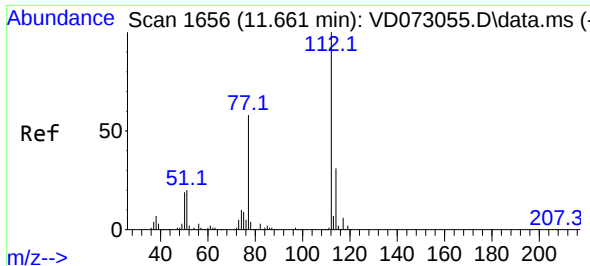


#64
Tetrachloroethene
Concen: 18.935 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.000 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54



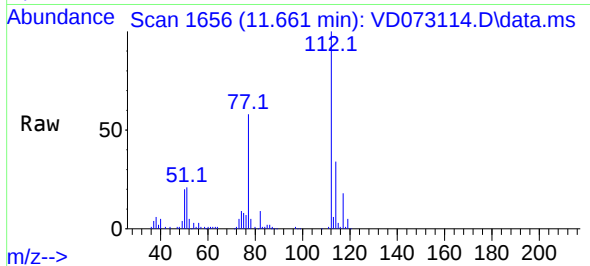
Tgt Ion:164 Resp: 50888
Ion Ratio Lower Upper
164 100
166 120.5 98.5 147.7
129 96.1 74.6 111.8
131 95.0 72.0 108.0





#65
Chlorobenzene
Concen: 19.924 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54

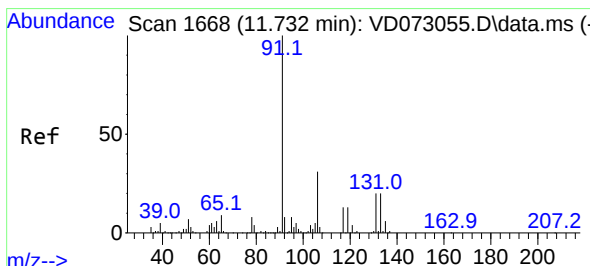
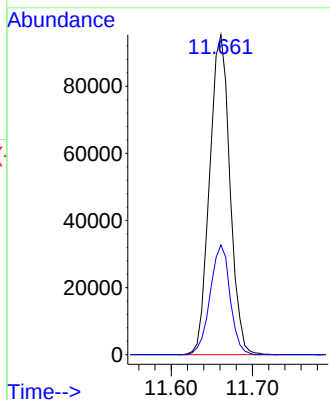
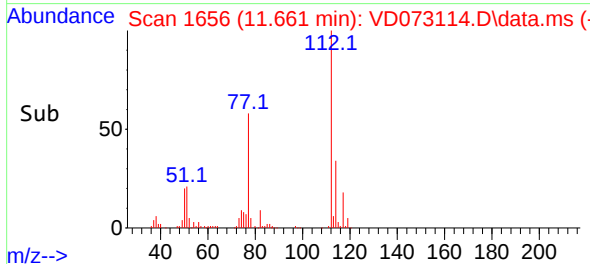
Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS02



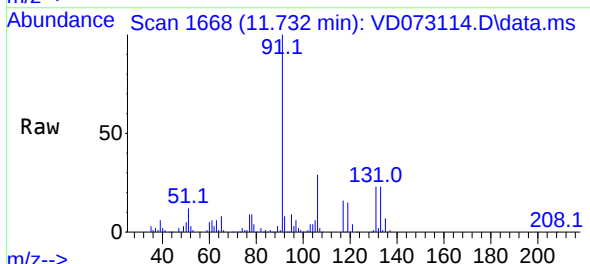
Tgt Ion:112 Resp: 165719
Ion Ratio Lower Upper
112 100
114 34.3 25.8 38.6

Manual Integrations
APPROVED

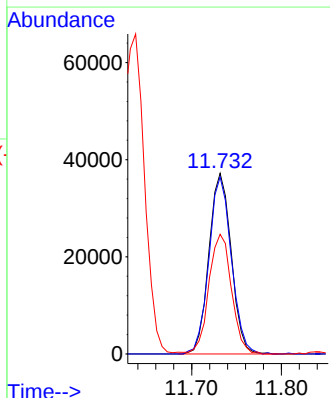
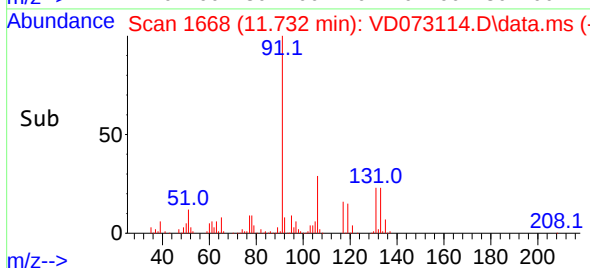
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

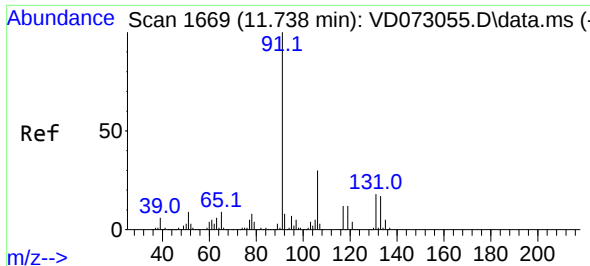


#66
1,1,1,2-Tetrachloroethane
Concen: 20.138 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54



Tgt Ion:131 Resp: 63982
Ion Ratio Lower Upper
131 100
133 99.0 48.1 144.3
119 67.6 31.9 95.9





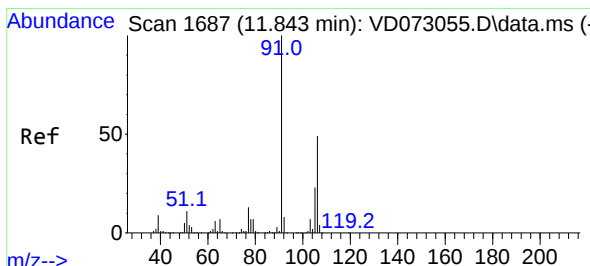
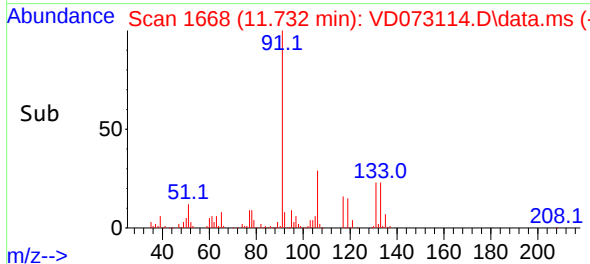
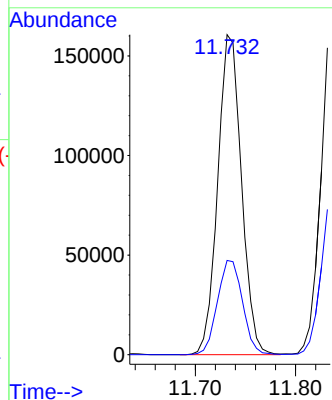
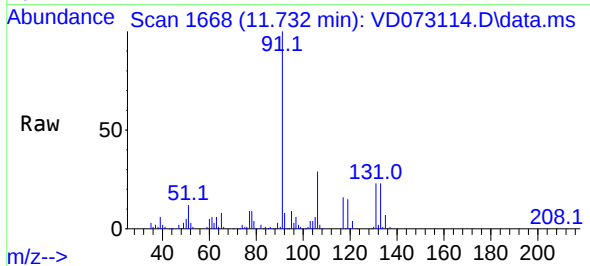
#67
Ethyl Benzene
Concen: 18.190 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54

Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS02

Tgt Ion: 91 Resp: 263420
Ion Ratio Lower Upper
91 100
106 29.4 24.2 36.4

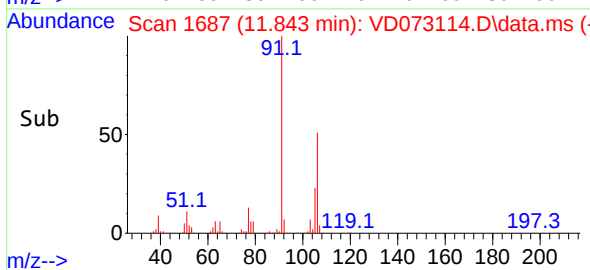
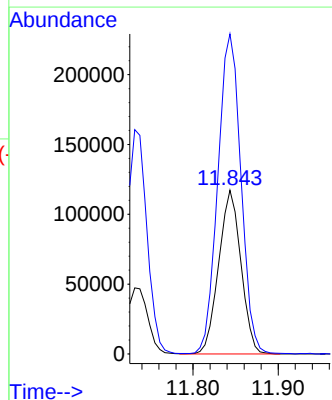
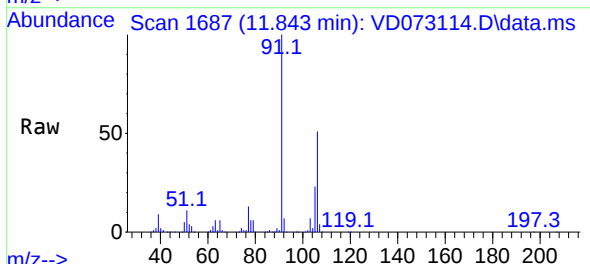
Manual Integrations
APPROVED

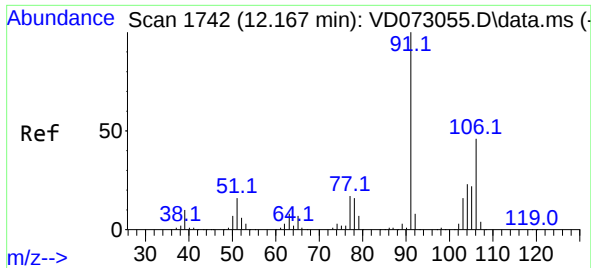
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#68
m/p-Xylenes
Concen: 37.912 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54

Tgt Ion:106 Resp: 212793
Ion Ratio Lower Upper
106 100
91 203.3 163.7 245.5





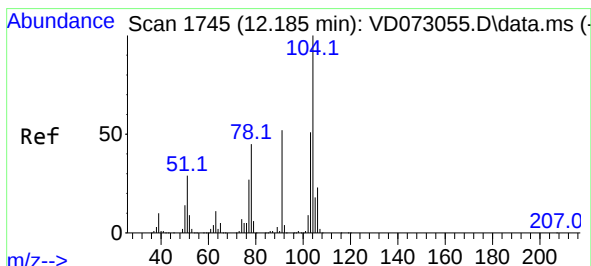
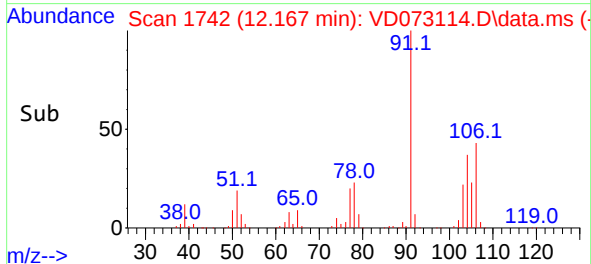
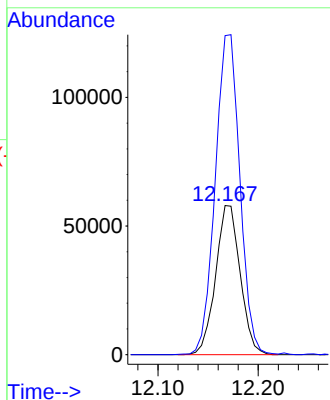
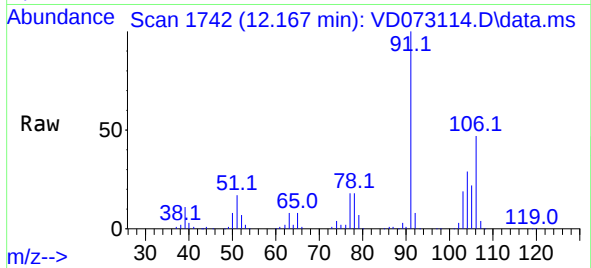
#69
o-Xylene
Concen: 18.991 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. -0.000 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54

Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS02

Tgt Ion:106 Resp: 98300
Ion Ratio Lower Upper
106 100
91 215.5 110.4 331.2

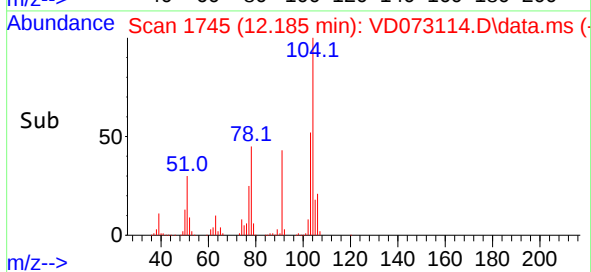
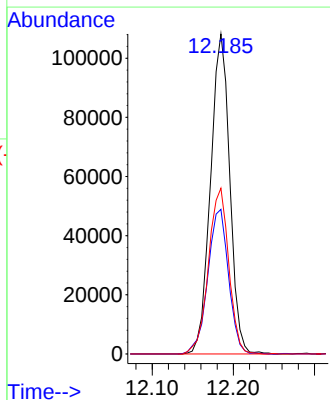
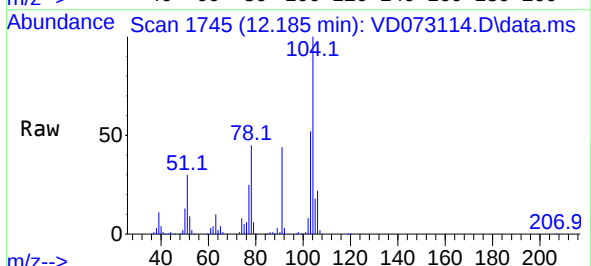
Manual Integrations
APPROVED

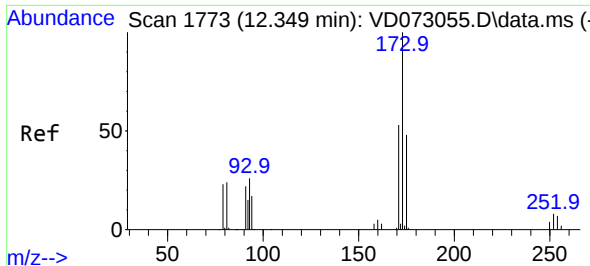
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#70
Styrene
Concen: 19.693 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54

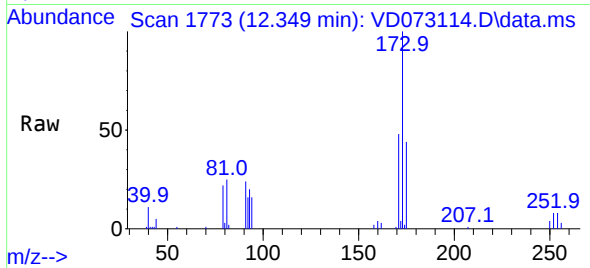
Tgt Ion:104 Resp: 178034
Ion Ratio Lower Upper
104 100
78 48.9 41.8 62.8
103 54.6 44.2 66.4





#71
Bromoform
Concen: 24.319 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54

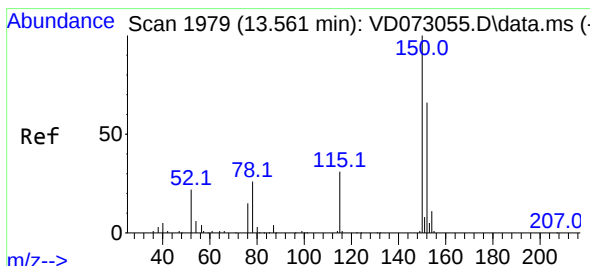
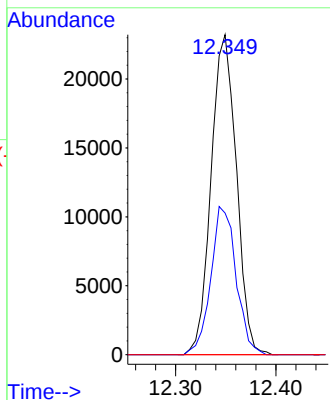
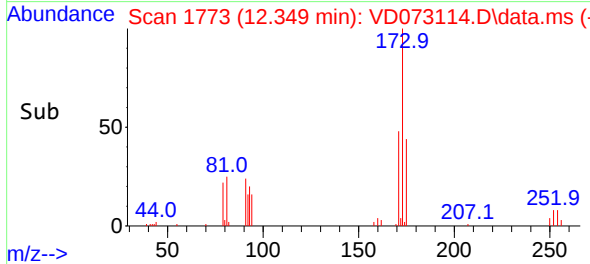
Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS02



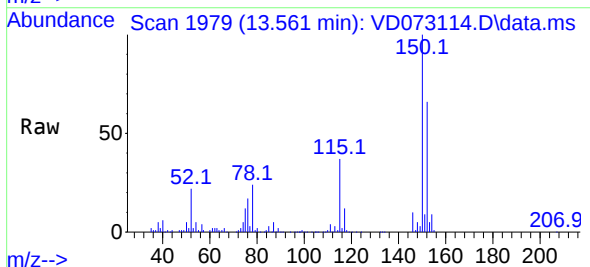
Tgt Ion:173 Resp: 4068
Ion Ratio Lower Upper
173 100
175 46.3 23.9 71.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

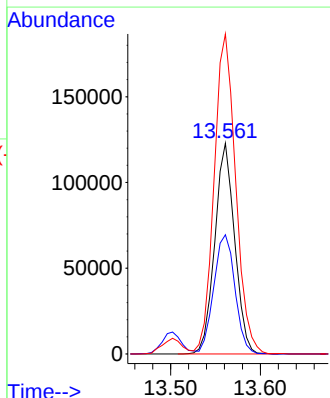
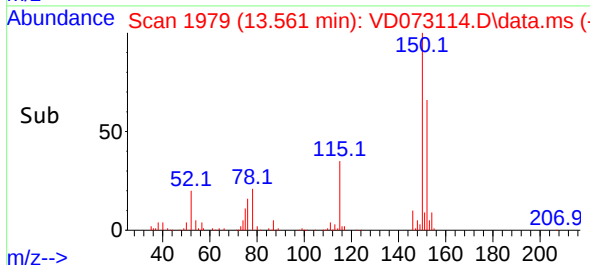
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

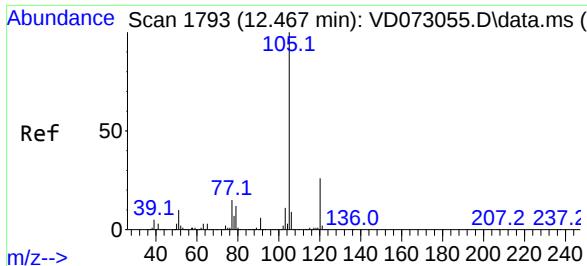


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54



Tgt Ion:152 Resp: 189169
Ion Ratio Lower Upper
152 100
115 60.3 31.3 93.8
150 164.6 0.0 348.6





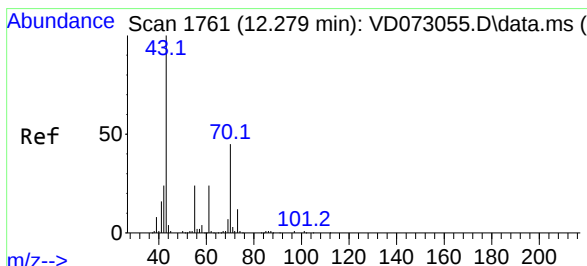
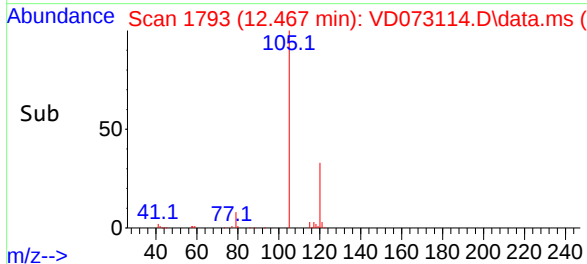
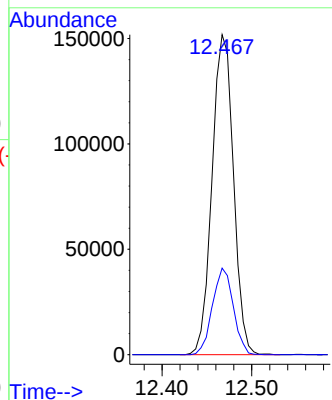
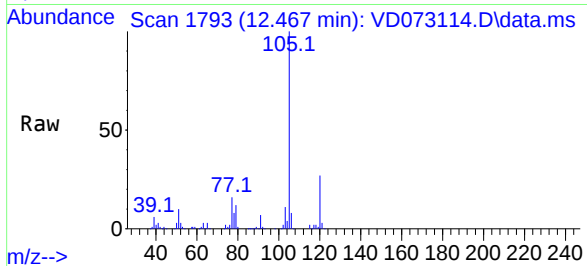
#73
Isopropylbenzene
Concen: 17.524 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54

Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS02

Tgt Ion:105 Resp: 251269
Ion Ratio Lower Upper
105 100
120 26.3 13.0 38.9

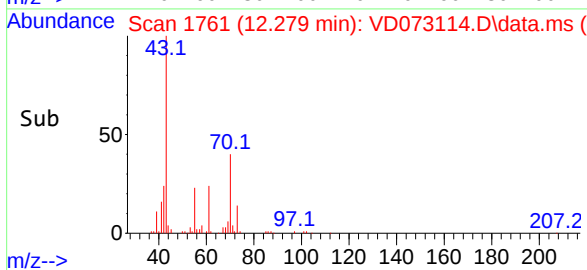
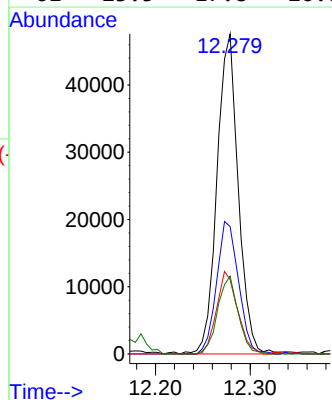
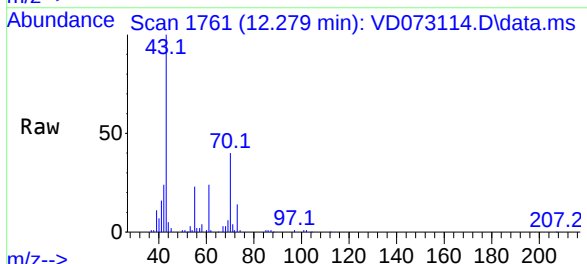
Manual Integrations
APPROVED

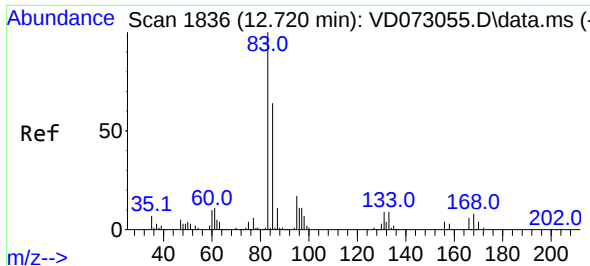
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#74
N-ethyl acetate
Concen: 22.188 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54

Tgt Ion: 43 Resp: 74349
Ion Ratio Lower Upper
43 100
70 42.7 31.3 46.9
55 25.4 20.0 30.0
61 23.5 17.8 26.8





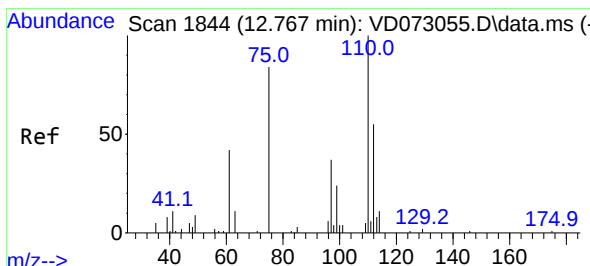
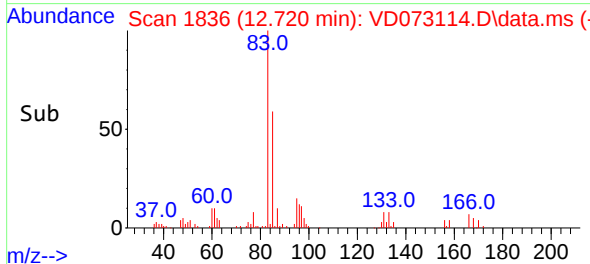
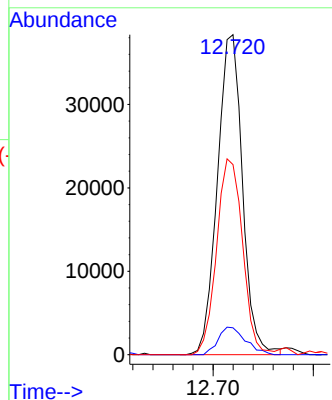
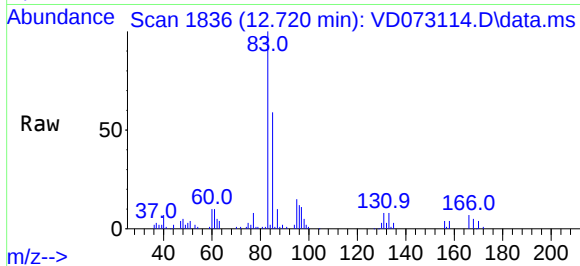
#75
1,1,2,2-Tetrachloroethane
Concen: 23.564 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54

Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS02

Tgt Ion: 83 Resp: 6661
Ion Ratio Lower Upper
83 100
131 9.4 5.0 14.9
85 63.3 32.6 98.0

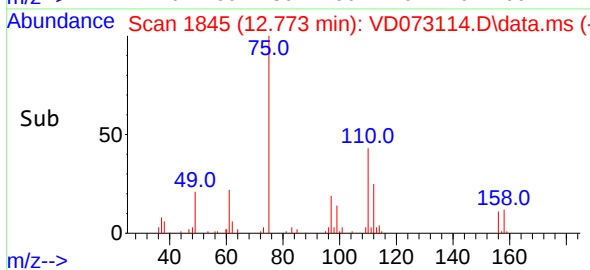
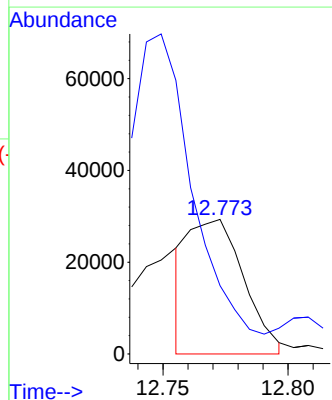
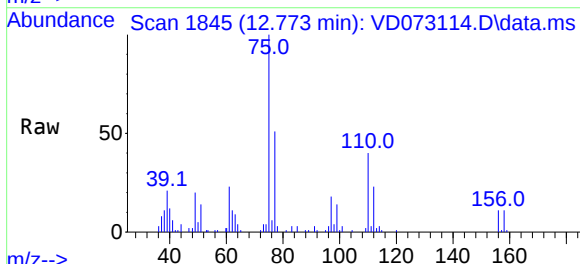
Manual Integrations
APPROVED

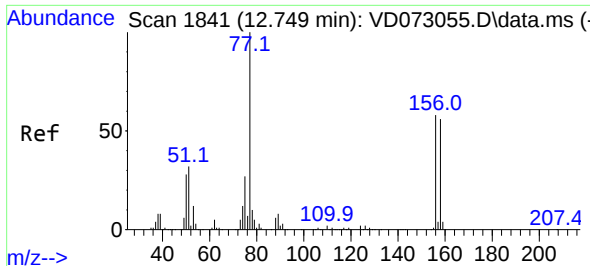
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#76
1,2,3-Trichloropropane
Concen: 21.260 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54

Tgt Ion: 75 Resp: 45462
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





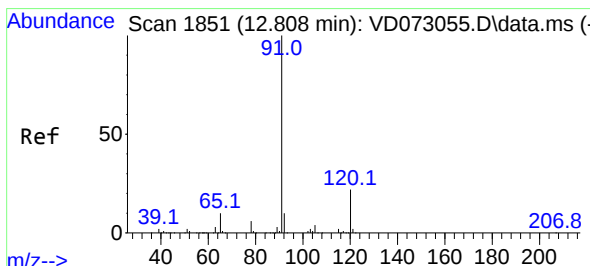
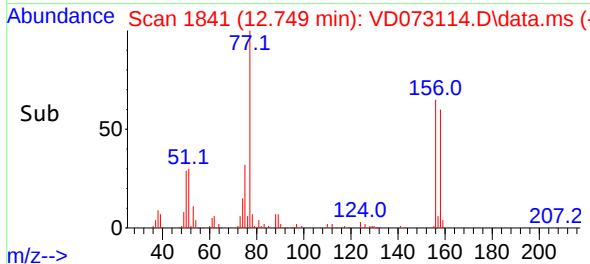
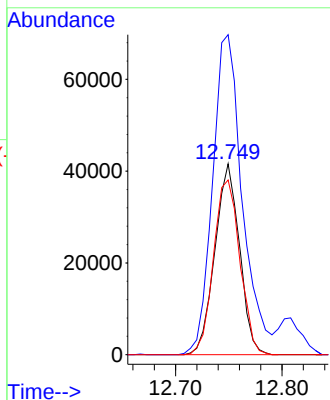
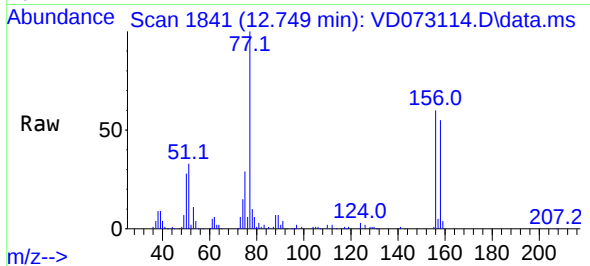
#77
Bromobenzene
Concen: 19.484 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54

Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS02

Tgt Ion:156 Resp: 66658
Ion Ratio Lower Upper
156 100
77 202.5 102.8 308.3
158 98.2 48.7 146.1

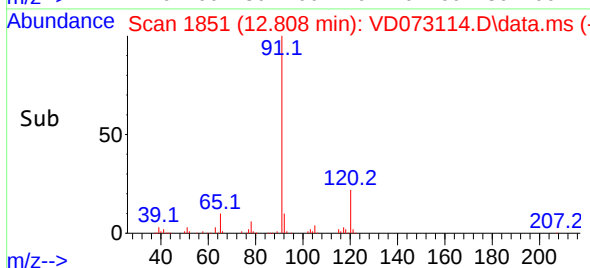
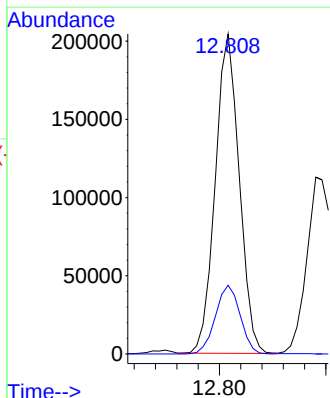
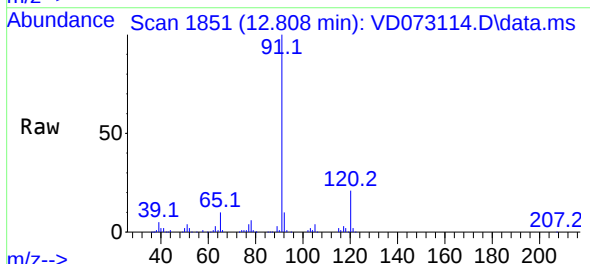
Manual Integrations
APPROVED

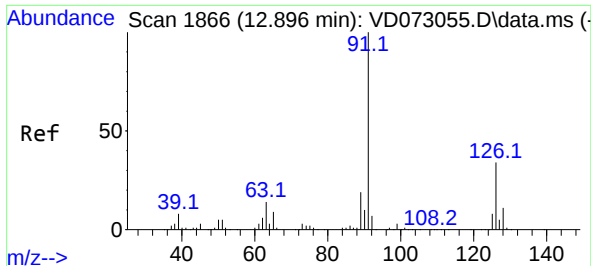
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#78
n-propylbenzene
Concen: 17.678 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54

Tgt Ion: 91 Resp: 318318
Ion Ratio Lower Upper
91 100
120 22.2 10.9 32.9





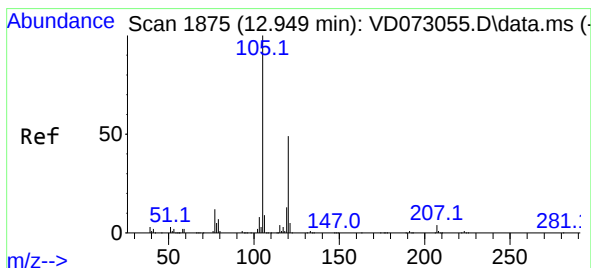
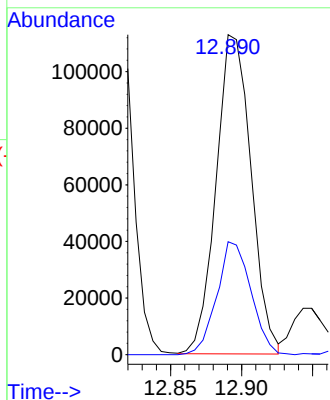
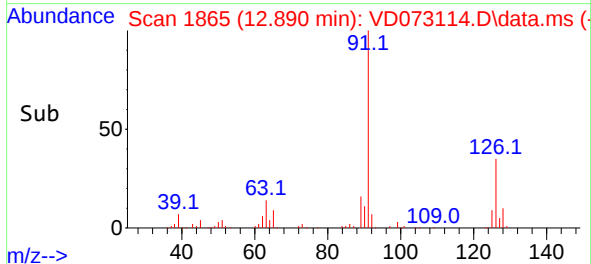
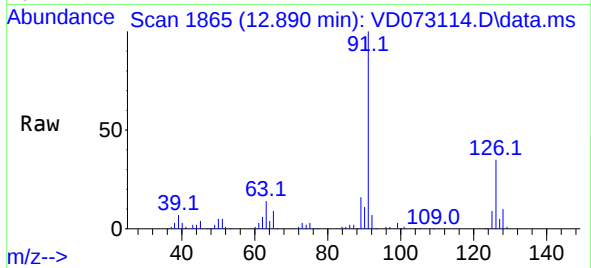
#79
2-Chlorotoluene
Concen: 18.440 ug/l
RT: 12.890 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54

Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS02

Tgt Ion: 91 Resp: 193428
Ion Ratio Lower Upper
91 100
126 34.5 16.2 48.6

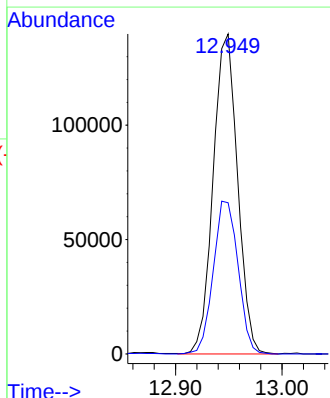
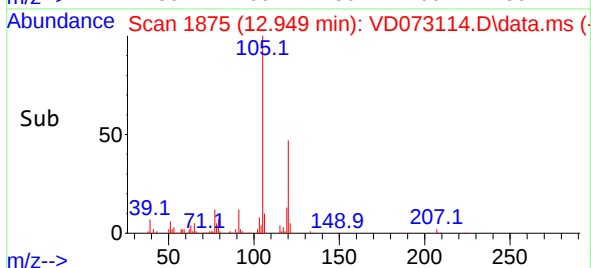
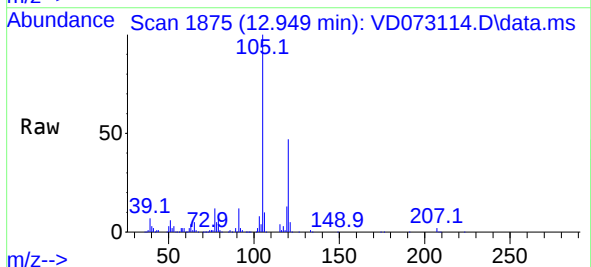
Manual Integrations
APPROVED

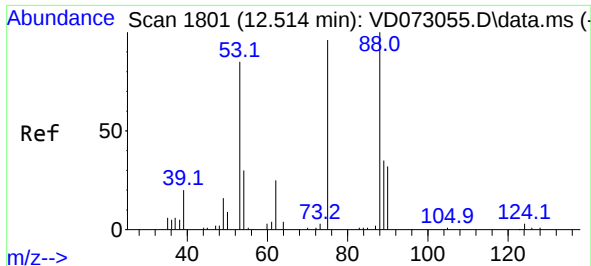
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#80
1,3,5-Trimethylbenzene
Concen: 18.201 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54

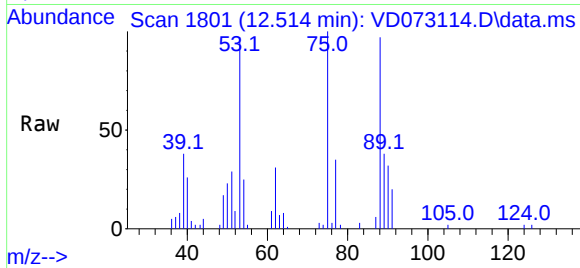
Tgt Ion:105 Resp: 222335
Ion Ratio Lower Upper
105 100
120 48.5 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 22.038 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. -0.000 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54

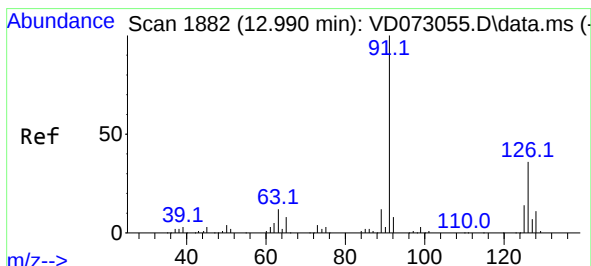
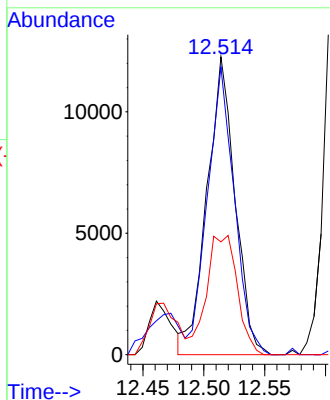
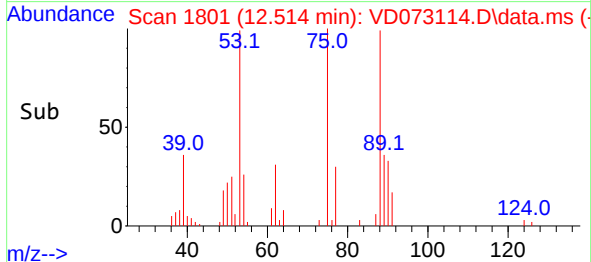
Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS02



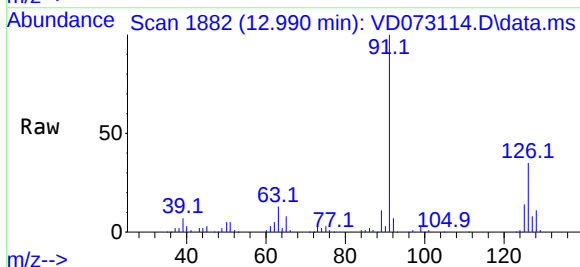
Tgt Ion: 75 Resp: 19654
Ion Ratio Lower Upper
75 100
53 92.7 86.5 129.7
89 44.4 33.9 50.9

Manual Integrations
APPROVED

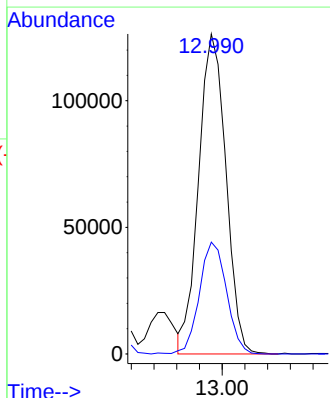
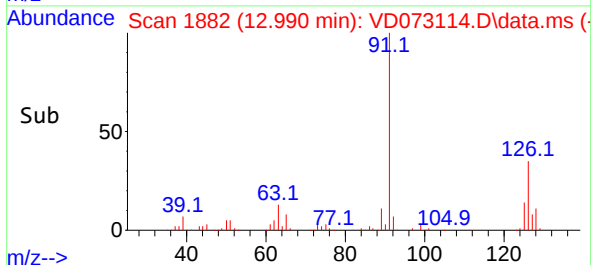
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

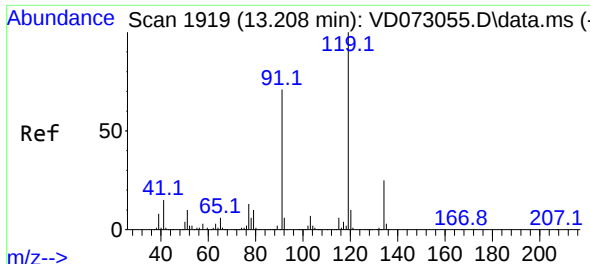


#82
4-Chlorotoluene
Concen: 18.969 ug/l
RT: 12.990 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54



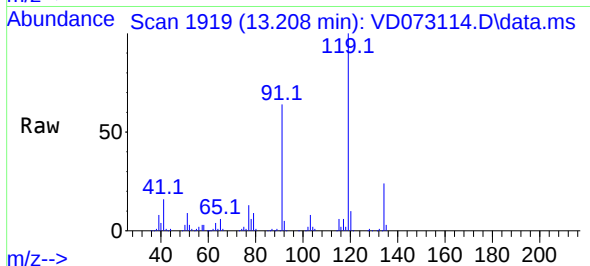
Tgt Ion: 91 Resp: 210591
Ion Ratio Lower Upper
91 100
126 34.9 16.5 49.5





#83
tert-Butylbenzene
Concen: 16.629 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54

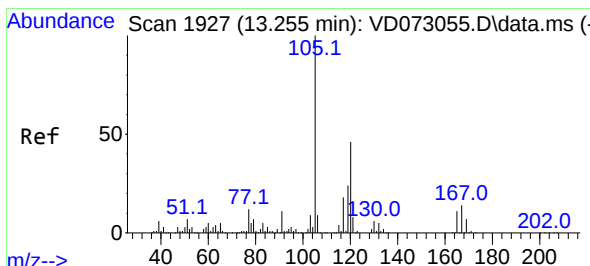
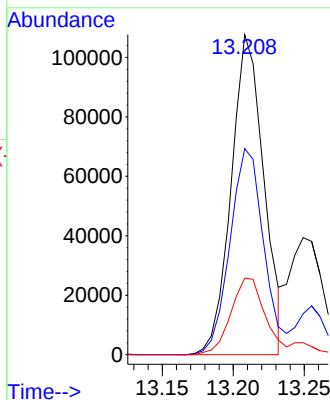
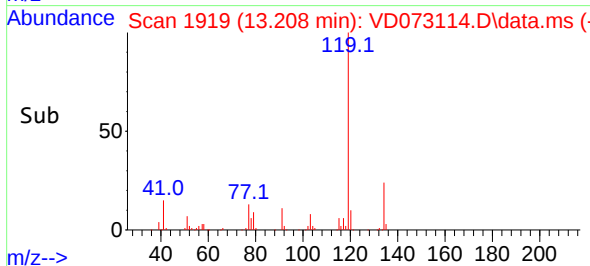
Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS02



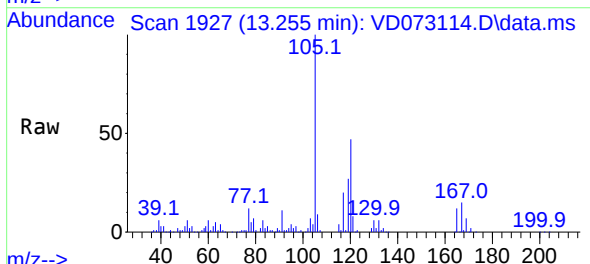
Tgt Ion:119 Resp: 172062
Ion Ratio Lower Upper
119 100
91 67.0 34.8 104.5
134 25.1 13.3 39.9

Manual Integrations
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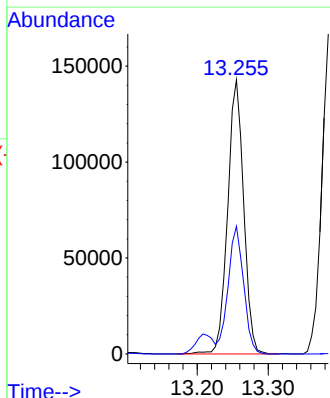
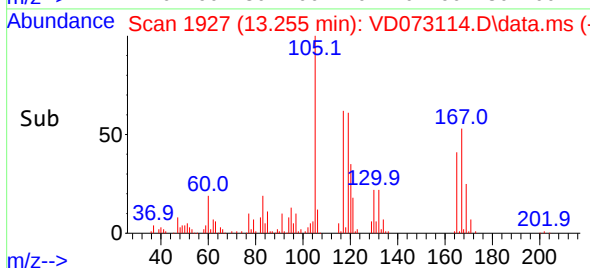
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

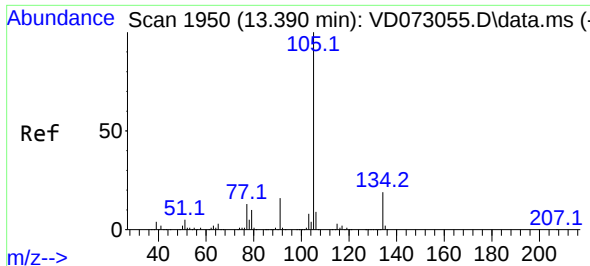


#84
1,2,4-Trimethylbenzene
Concen: 18.392 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54



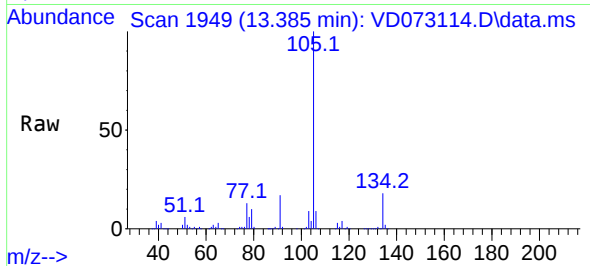
Tgt Ion:105 Resp: 223519
Ion Ratio Lower Upper
105 100
120 45.3 22.3 66.8





#85
 sec-Butylbenzene
 Concen: 17.217 ug/l
 RT: 13.385 min Scan# 1950
 Delta R.T. -0.006 min
 Lab File: VD073114.D
 Acq: 18 May 2022 23:54

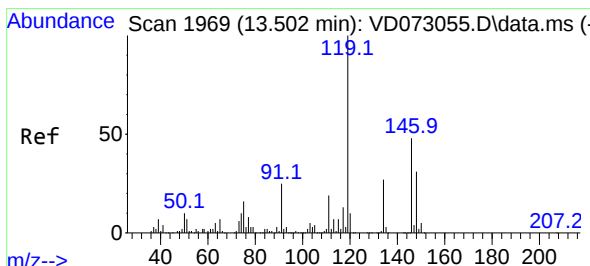
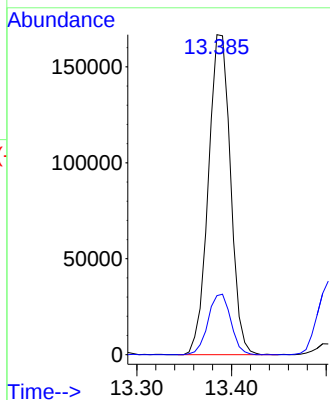
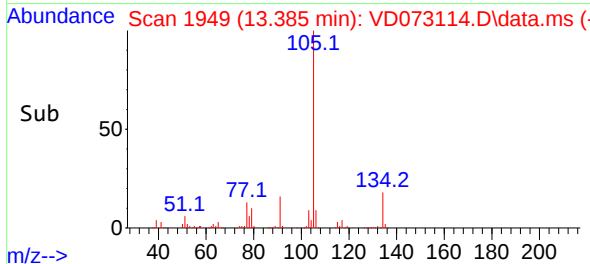
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0518SBS02



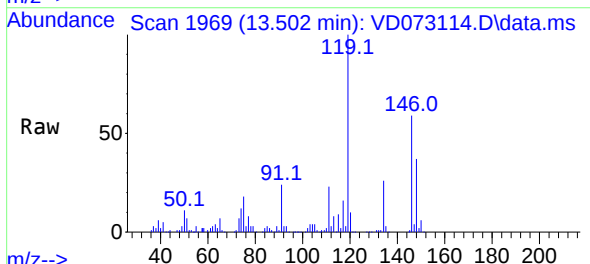
Tgt Ion:105 Resp: 270400
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.3

Manual Integrations
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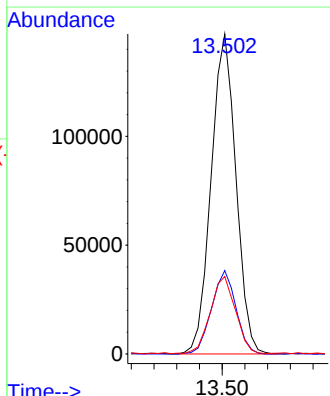
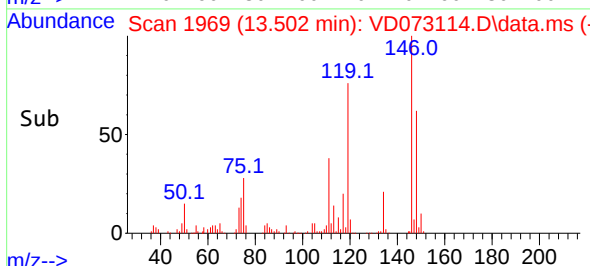
Reviewed By :John Carlone 05/19/2022
 Supervised By :Mahesh Dadoda 05/24/2022

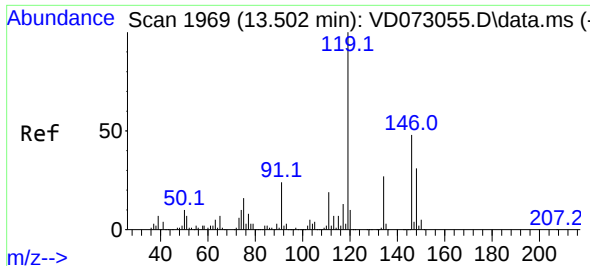


#86
 p-Isopropyltoluene
 Concen: 17.460 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.000 min
 Lab File: VD073114.D
 Acq: 18 May 2022 23:54



Tgt Ion:119 Resp: 223049
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.9 38.6
 91 24.4 12.1 36.3





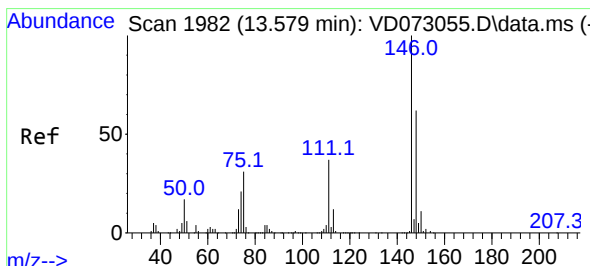
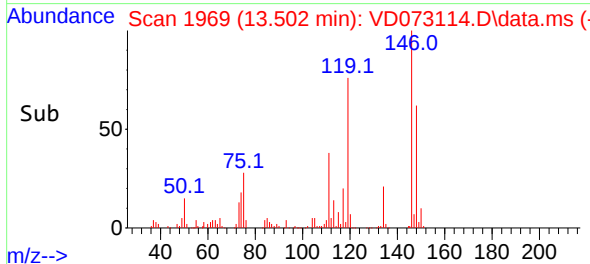
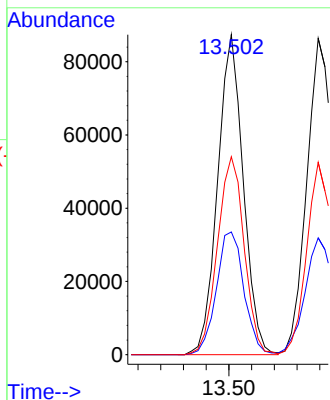
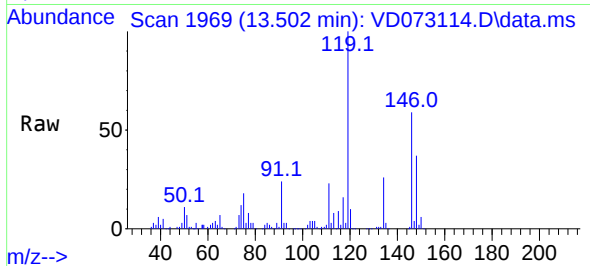
#87
1,3-Dichlorobenzene
Concen: 19.502 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54

Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS02

Tgt Ion:146 Resp: 137138
Ion Ratio Lower Upper
146 100
111 41.3 20.4 61.3
148 64.4 31.9 95.7

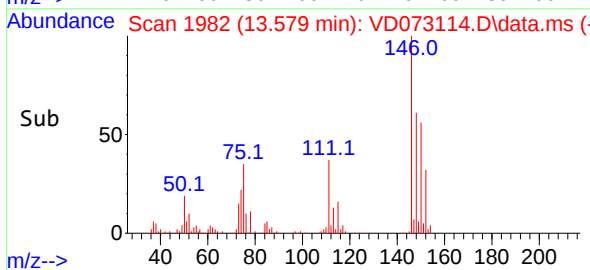
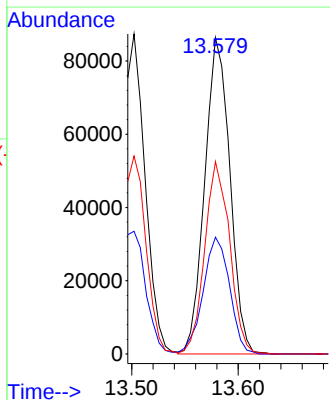
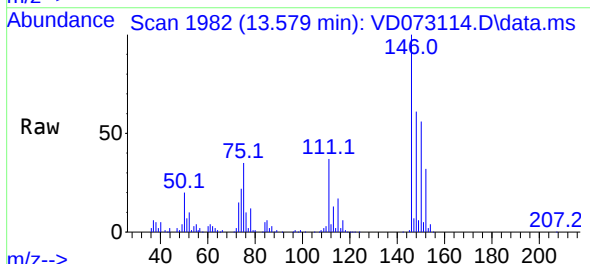
Manual Integrations
APPROVED

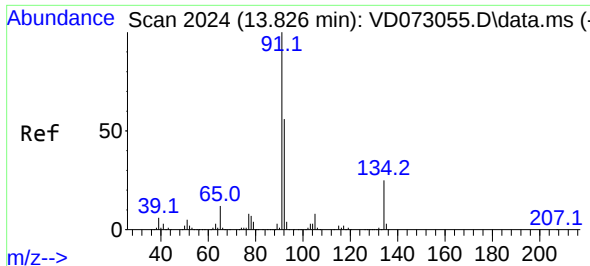
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#88
1,4-Dichlorobenzene
Concen: 20.469 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54

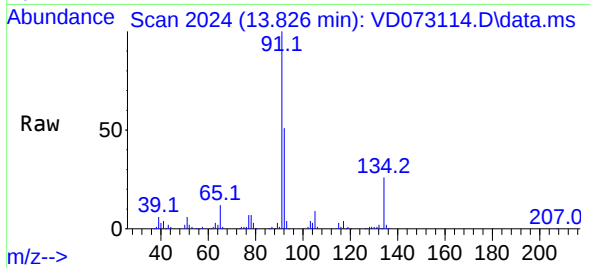
Tgt Ion:146 Resp: 142232
Ion Ratio Lower Upper
146 100
111 38.8 20.3 60.9
148 60.3 31.7 95.1





#89
n-Butylbenzene
Concen: 16.886 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.000 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54

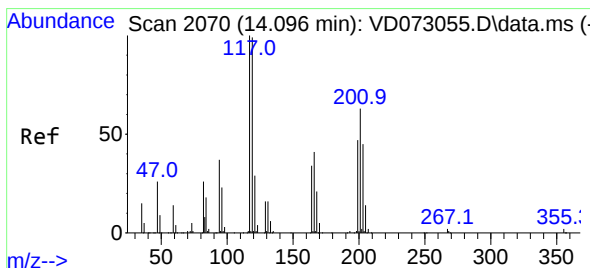
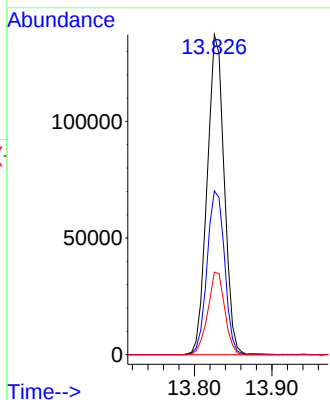
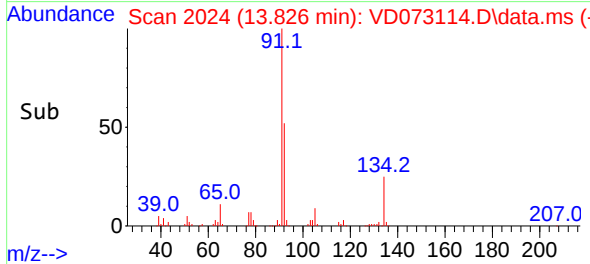
Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS02



Tgt Ion: 91 Resp: 209780
Ion Ratio Lower Upper
91 100
92 52.5 26.6 79.8
134 25.7 12.3 36.9

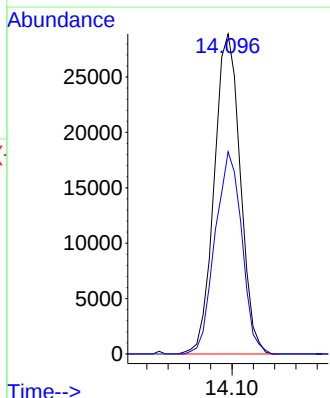
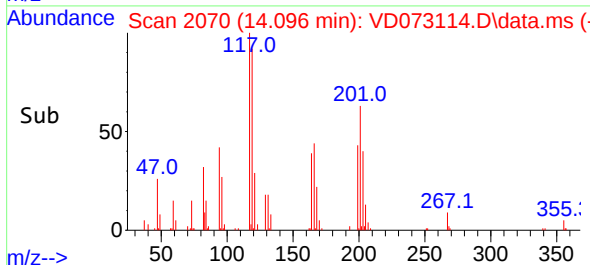
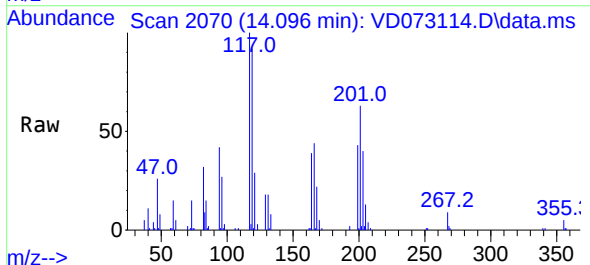
Manual Integrations
APPROVED

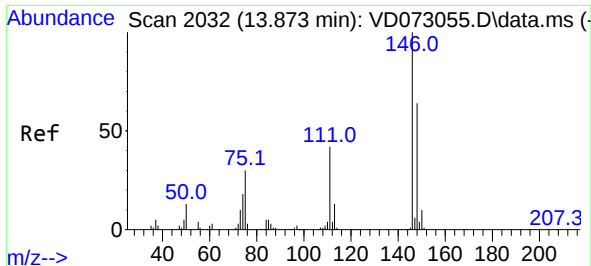
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#90
Hexachloroethane
Concen: 18.450 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54

Tgt Ion:117 Resp: 48977
Ion Ratio Lower Upper
117 100
201 65.0 33.4 100.2





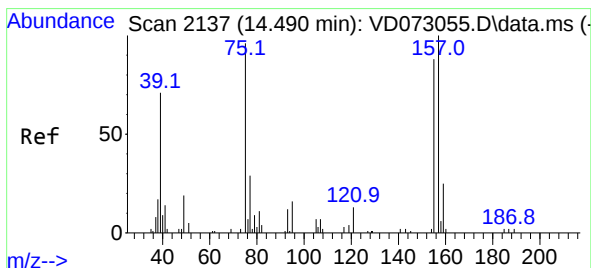
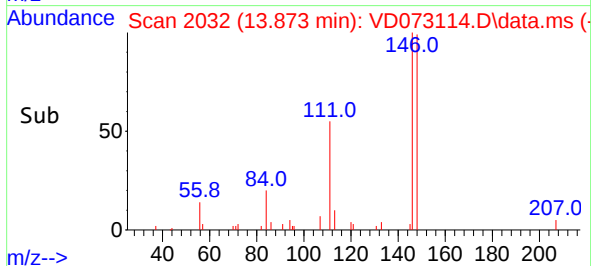
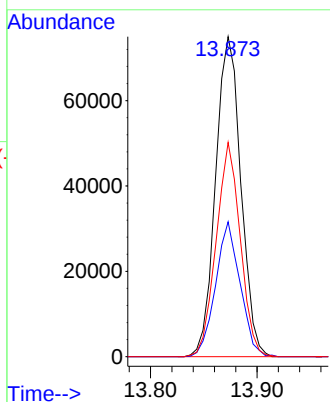
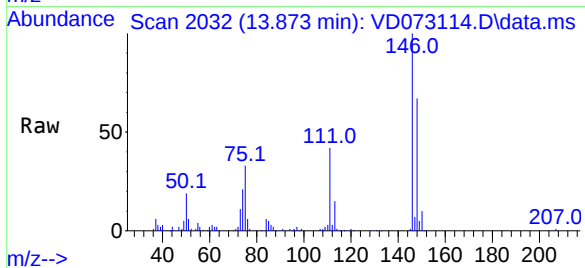
#91
1,2-Dichlorobenzene
Concen: 20.233 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54

Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS02

Tgt Ion:146 Resp: 12340
Ion Ratio Lower Upper
146 100
111 40.9 21.1 63.3
148 64.0 31.7 95.1

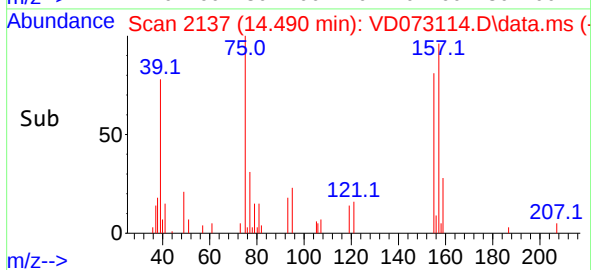
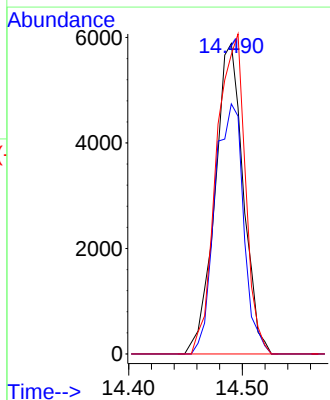
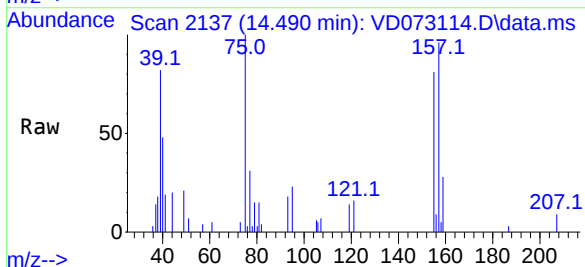
Manual Integrations
APPROVED

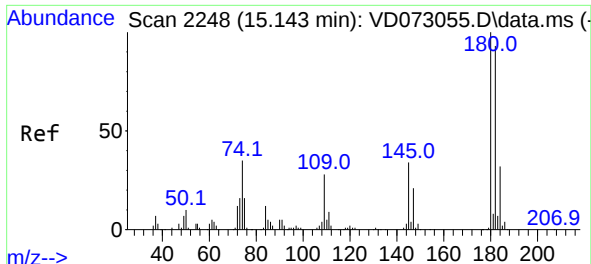
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 23.255 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54

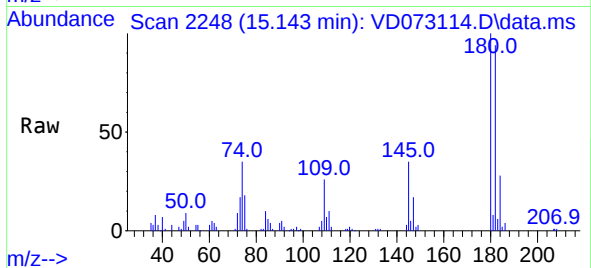
Tgt Ion: 75 Resp: 10218
Ion Ratio Lower Upper
75 100
155 81.6 36.8 110.3
157 104.4 48.4 145.0





#93
1,2,4-Trichlorobenzene
Concen: 19.226 ug/l
RT: 15.143 min Scan# 2114
Delta R.T. -0.000 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54

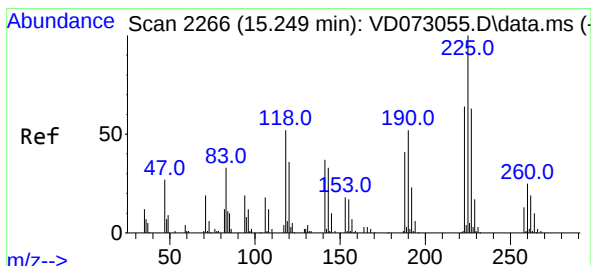
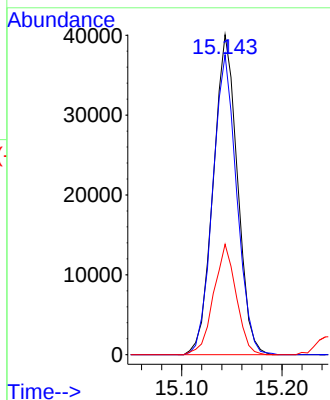
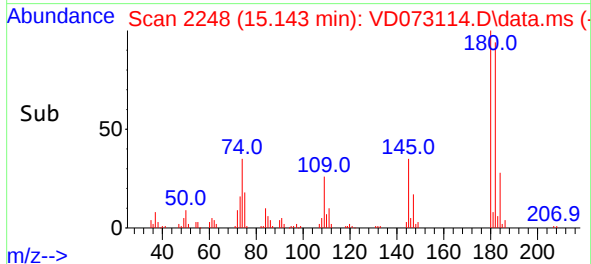
Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS02



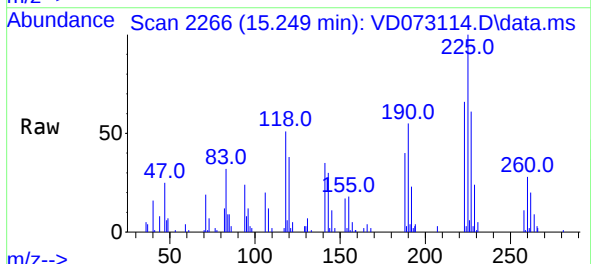
Tgt Ion:180 Resp: 66904
Ion Ratio Lower Upper
180 100
182 93.3 47.3 142.0
145 32.2 16.2 48.5

Manual Integrations
APPROVED

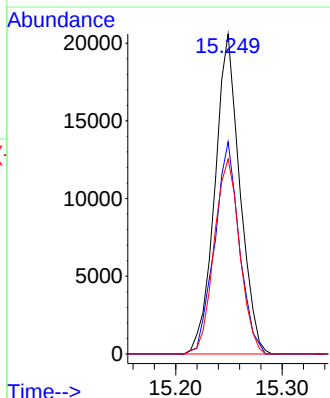
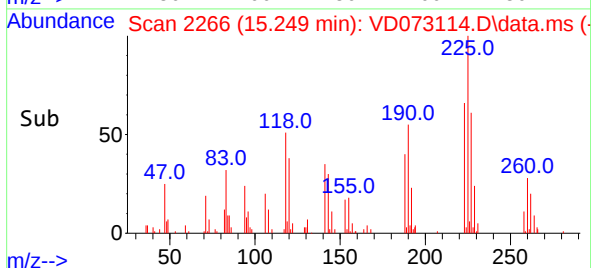
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022

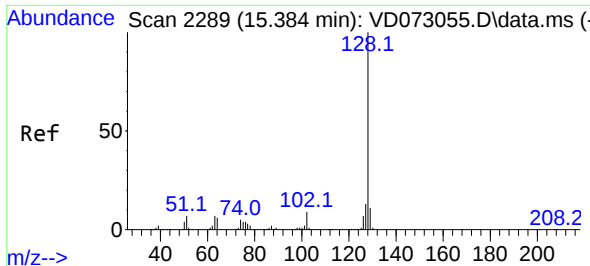


#94
Hexachlorobutadiene
Concen: 17.250 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. -0.000 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54



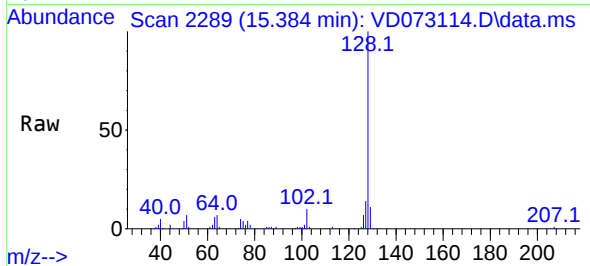
Tgt Ion:225 Resp: 33506
Ion Ratio Lower Upper
225 100
223 65.5 31.1 93.2
227 62.3 32.4 97.0





#95
Naphthalene
Concen: 20.138 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. 0.000 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54

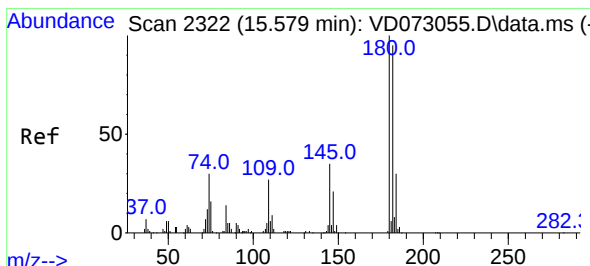
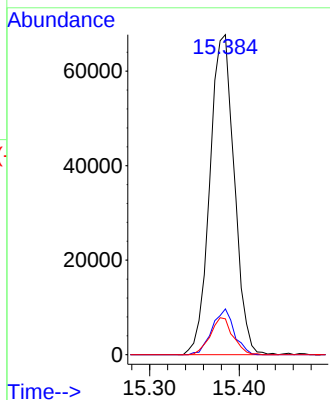
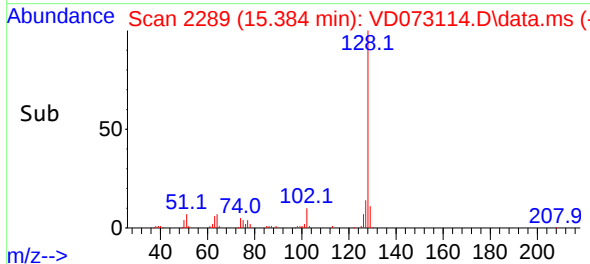
Instrument :
MSVOA_D
ClientSampleId :
VD0518SBS02



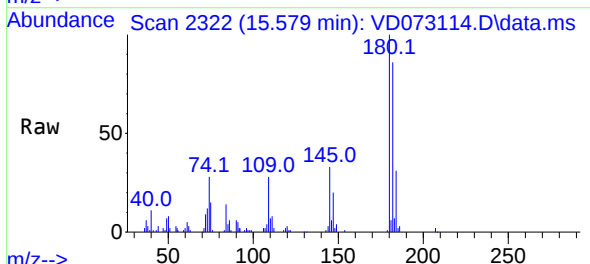
Tgt Ion:128 Resp: 127918
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.7 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/24/2022



#96
1,2,3-Trichlorobenzene
Concen: 20.048 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VD073114.D
Acq: 18 May 2022 23:54



Tgt Ion:180 Resp: 61937
Ion Ratio Lower Upper
180 100
182 95.5 47.6 142.9
145 32.9 17.1 51.3

