

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051722\
 Data File : VD073054.D
 Acq On : 17 May 2022 11:15
 Operator : VA/SY
 Sample : VSTDICC020
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/18/2022
 Supervised By : Mahesh Dadoda 05/18/2022

Quant Time: May 18 04:40:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 04:27:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	277319	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	476779	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	468585	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	232073	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	68756	19.825	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	39.660%#		
35) Dibromofluoromethane	7.909	113	64802	19.358	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	38.720%#		
50) Toluene-d8	10.332	98	232300	19.129	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	38.260%#		
62) 4-Bromofluorobenzene	12.620	95	86976	19.774	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	39.540%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	75296	21.713	ug/l	94
3) Chloromethane	2.209	50	76052	21.273	ug/l	100
4) Vinyl Chloride	2.350	62	70638	21.485	ug/l	97
5) Bromomethane	2.750	94	47702	20.427	ug/l	91
6) Chloroethane	2.915	64	41376	20.209	ug/l	98
7) Trichlorofluoromethane	3.268	101	124136	20.632	ug/l	96
8) Diethyl Ether	3.709	74	33186	20.157	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.091	101	73088	20.513	ug/l	97
10) Methyl Iodide	4.297	142	68545	19.046	ug/l	99
11) Tert butyl alcohol	5.185	59	62351	116.233	ug/l #	74
12) 1,1-Dichloroethene	4.062	96	64771	20.103	ug/l	87
13) Acrolein	3.926	56	33754	116.169	ug/l	98
14) Allyl chloride	4.709	41	101052	19.796	ug/l	90
15) Acrylonitrile	5.415	53	77072	97.675	ug/l	98
16) Acetone	4.156	43	62894	100.214	ug/l	99
17) Carbon Disulfide	4.409	76	224018	20.760	ug/l	98
18) Methyl Acetate	4.715	43	35914	18.126	ug/l	91
19) Methyl tert-butyl Ether	5.479	73	148187	19.667	ug/l	98
20) Methylene Chloride	4.962	84	91228	20.028	ug/l	91
21) trans-1,2-Dichloroethene	5.473	96	78691	20.532	ug/l	93
22) Diisopropyl ether	6.362	45	224597	20.499	ug/l	97
23) Vinyl Acetate	6.303	43	601076	101.549	ug/l	96
24) 1,1-Dichloroethane	6.262	63	137516	20.174	ug/l	99
25) 2-Butanone	7.203	43	95517	100.507	ug/l	93
26) 2,2-Dichloropropane	7.203	77	114823	19.897	ug/l	97
27) cis-1,2-Dichloroethene	7.203	96	84687	20.038	ug/l	93
28) Bromochloromethane	7.538	49	45325	19.411	ug/l	87
29) Tetrahydrofuran	7.562	42	60703	99.266	ug/l	94
30) Chloroform	7.703	83	146356	20.067	ug/l	94
31) Cyclohexane	7.979	56	126491	20.249	ug/l	90
32) 1,1,1-Trichloroethane	7.903	97	125360	20.063	ug/l	97
36) 1,1-Dichloropropene	8.109	75	107740	19.753	ug/l	97
37) Ethyl Acetate	7.291	43	44927	19.613	ug/l #	95
38) Carbon Tetrachloride	8.091	117	113053	20.259	ug/l	100
39) Methylcyclohexane	9.350	83	122369	19.240	ug/l	98
40) Benzene	8.344	78	312035	20.007	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.515	41	21767	16.851	ug/l #	81
42) 1,2-Dichloroethane	8.420	62	89231	19.656	ug/l	97
43) Isopropyl Acetate	8.444	43	82656	19.408	ug/l #	93
44) Trichloroethene	9.103	130	82183	19.481	ug/l	93
45) 1,2-Dichloropropane	9.379	63	79810	19.705	ug/l	95
46) Dibromomethane	9.473	93	44683	19.952	ug/l	98
47) Bromodichloromethane	9.656	83	112554	19.788	ug/l	99
48) Methyl methacrylate	9.450	41	42633	20.181	ug/l	90
49) 1,4-Dioxane	9.456	88	9237	396.158	ug/l	98
51) 4-Methyl-2-Pentanone	10.220	43	219107	98.583	ug/l	97
52) Toluene	10.397	92	197328	19.929	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	100153	19.306	ug/l	97
54) cis-1,3-Dichloropropene	10.079	75	122954	20.102	ug/l	89
55) 1,1,2-Trichloroethane	10.791	97	60967	19.944	ug/l	96
56) Ethyl methacrylate	10.656	69	64317	18.604	ug/l #	88
57) 1,3-Dichloropropane	10.938	76	102674	19.740	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.932	63	141891	90.416	ug/l	98
59) 2-Hexanone	10.979	43	142165	96.829	ug/l	98
60) Dibromochloromethane	11.132	129	76246	20.076	ug/l	100
61) 1,2-Dibromoethane	11.238	107	57843	19.664	ug/l	100
64) Tetrachloroethene	10.867	164	71384	20.793	ug/l	97
65) Chlorobenzene	11.661	112	214083	20.149	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.732	131	81725	20.136	ug/l	98
67) Ethyl Benzene	11.732	91	362623	19.602	ug/l	98
68) m/p-Xylenes	11.844	106	292507	40.797	ug/l	100
69) o-Xylene	12.173	106	133144	20.137	ug/l	94
70) Styrene	12.185	104	233924	20.255	ug/l	96
71) Bromoform	12.350	173	42144	19.722	ug/l #	99
73) Isopropylbenzene	12.467	105	344298	19.572	ug/l	100
74) N-amyl acetate	12.273	43	77941	18.959	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.720	83	69209	19.957	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	59759m	22.509	ug/l	
77) Bromobenzene	12.750	156	82817	19.732	ug/l	93
78) n-propylbenzene	12.808	91	444845	20.137	ug/l	100
79) 2-Chlorotoluene	12.897	91	258072	20.054	ug/l	97
80) 1,3,5-Trimethylbenzene	12.950	105	303523	20.254	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	21010	19.203	ug/l	87
82) 4-Chlorotoluene	12.991	91	272103	19.978	ug/l	99
83) tert-Butylbenzene	13.214	119	250689	19.749	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	303396	20.349	ug/l	99
85) sec-Butylbenzene	13.391	105	385154	19.989	ug/l	99
86) p-Isopropyltoluene	13.502	119	313439	19.999	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	173866	20.154	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	168931	19.817	ug/l	98
89) n-Butylbenzene	13.826	91	302595	19.853	ug/l	98
90) Hexachloroethane	14.097	117	65729	20.183	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	151097	20.194	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.485	75	11289	20.942	ug/l	95
93) 1,2,4-Trichlorobenzene	15.144	180	86292	20.213	ug/l	98
94) Hexachlorobutadiene	15.249	225	46958	19.706	ug/l	97
95) Naphthalene	15.379	128	145879	18.864	ug/l	98
96) 1,2,3-Trichlorobenzene	15.579	180	73692	19.443	ug/l	99

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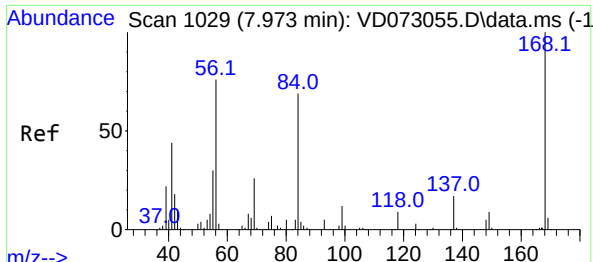
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 05/18/2022

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Quant Title : SW846 8260
QLast Update : Wed May 18 04:27:31 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



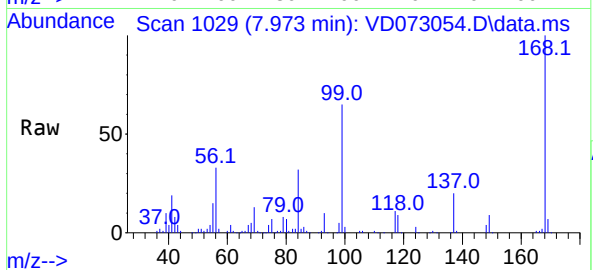
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073054.D
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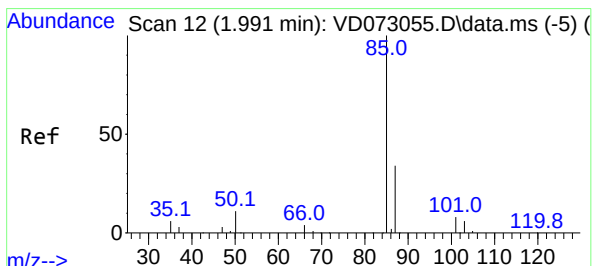
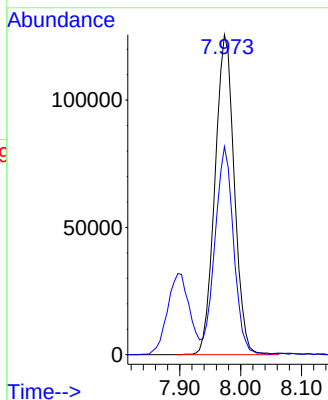
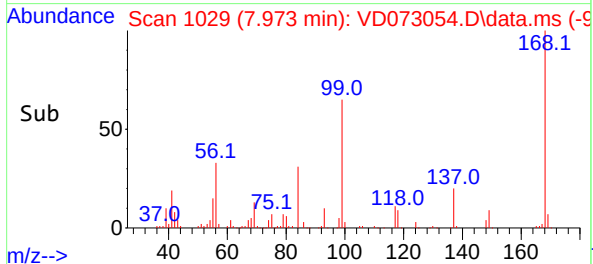
Tgt Ion:168 Resp: 277319
Ion Ratio Lower Upper
168 100
99 64.5 49.8 74.6

Manual Integrations

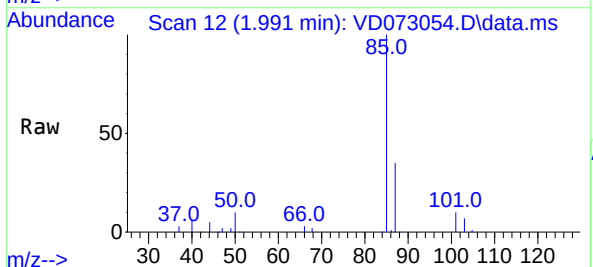
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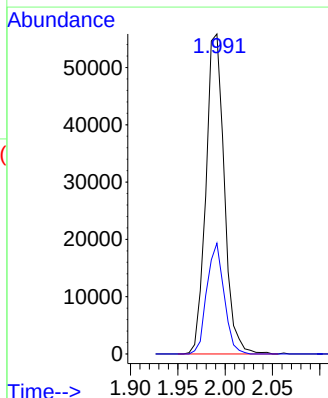
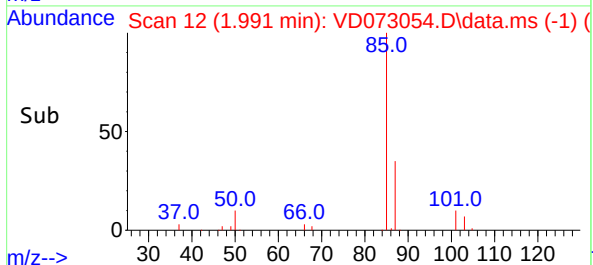
Supervised By :Mahesh Dadoda 05/18/2022

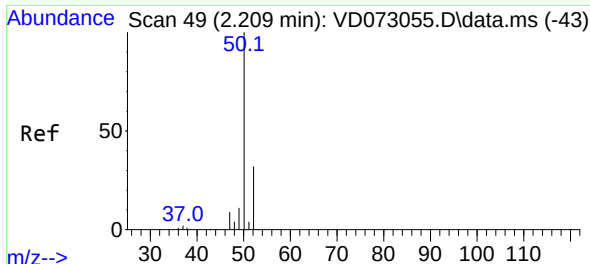


#2
Dichlorodifluoromethane
Concen: 21.713 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15



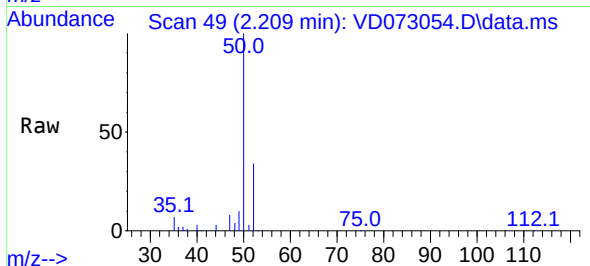
Tgt Ion: 85 Resp: 75296
Ion Ratio Lower Upper
85 100
87 34.6 15.7 47.0





#3
Chloromethane
Concen: 21.273 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

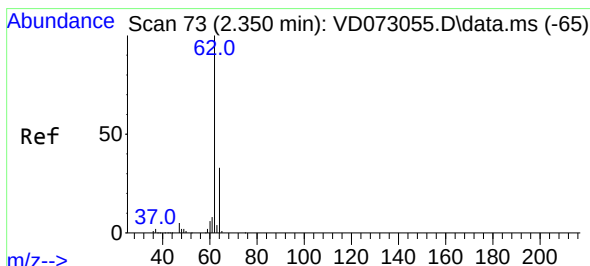
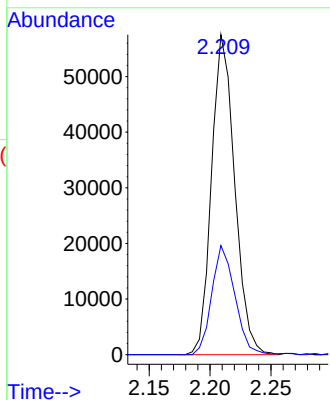
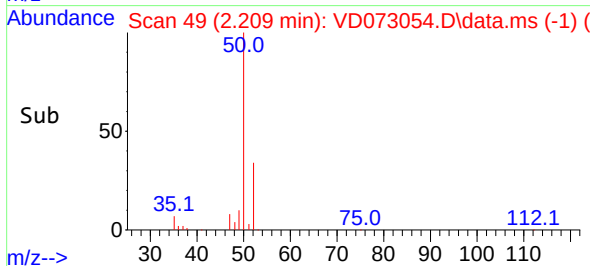
Instrument :
MSVOA_D
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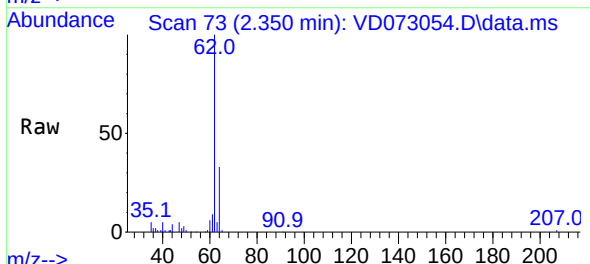
Tgt Ion: 50 Resp: 76052
Ion Ratio Lower Upper
50 100
52 34.1 27.4 41.0

Manual Integrations
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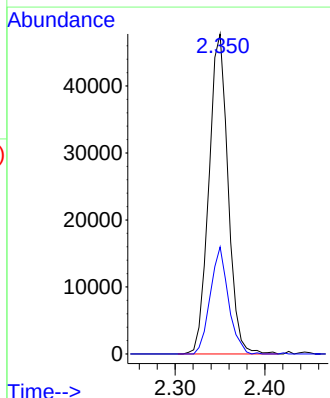
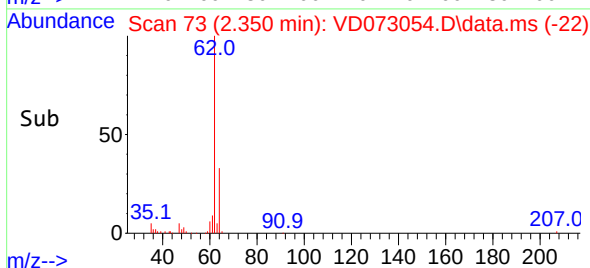
Reviewed By :John Carlone 05/18/2022
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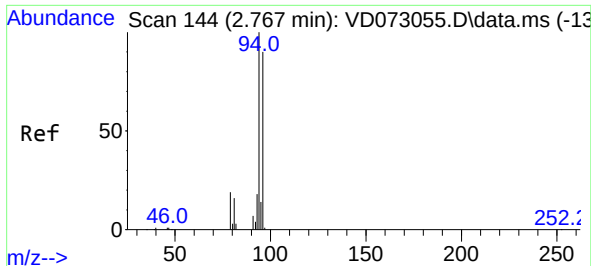


#4
Vinyl Chloride
Concen: 21.485 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15



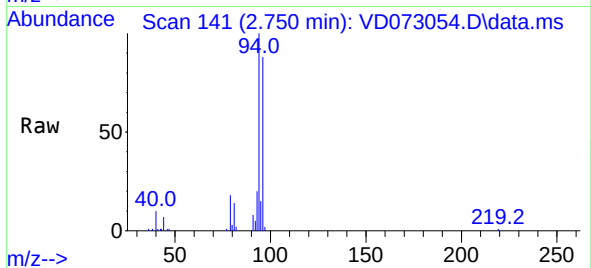
Tgt Ion: 62 Resp: 70638
Ion Ratio Lower Upper
62 100
64 33.5 25.4 38.0





#5
Bromomethane
Concen: 20.427 ug/l
RT: 2.750 min Scan# 144
Delta R.T. -0.017 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

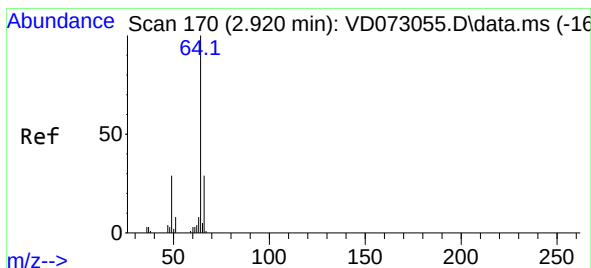
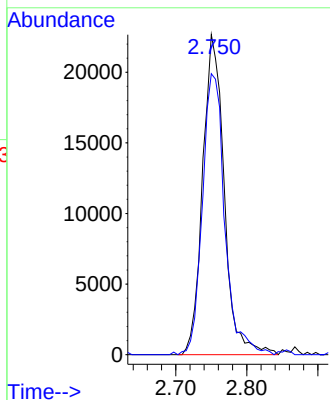
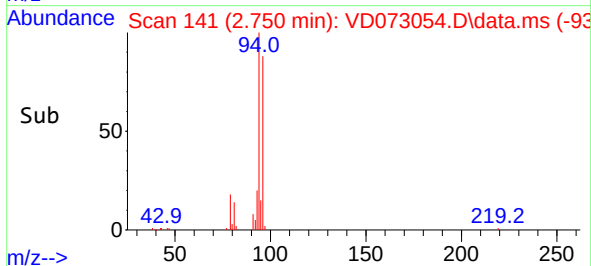
Instrument :
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Tgt Ion: 94 Resp: 4770
Ion Ratio Lower Upper
94 100
96 87.8 77.6 116.4

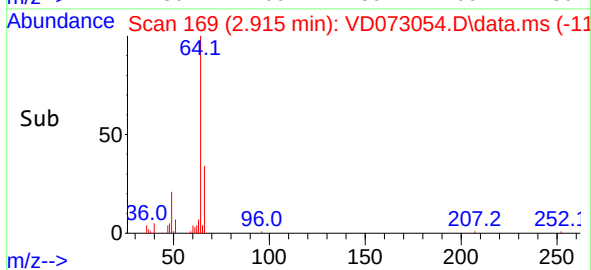
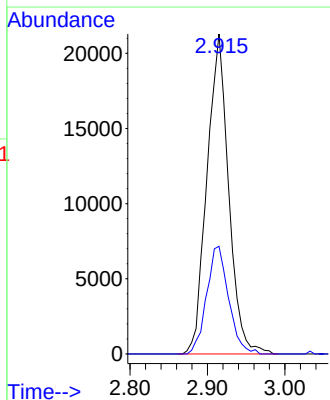
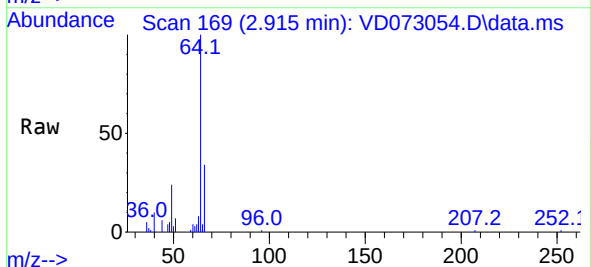
Manual Integrations
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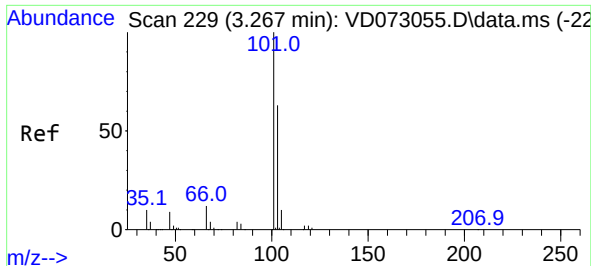
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#6
Chloroethane
Concen: 20.209 ug/l
RT: 2.915 min Scan# 169
Delta R.T. -0.006 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

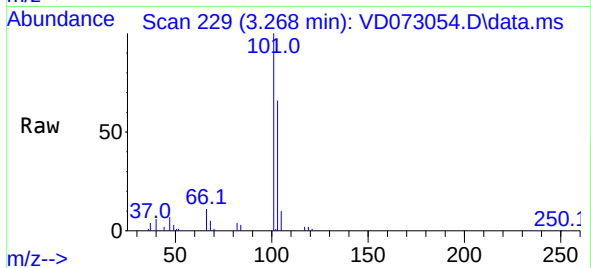
Tgt Ion: 64 Resp: 41376
Ion Ratio Lower Upper
64 100
66 33.7 25.9 38.9





#7
 Trichlorofluoromethane
 Concen: 20.632 ug/l
 RT: 3.268 min Scan# 211
 Delta R.T. 0.000 min
 Lab File: VD073054.D
 Acq: 17 May 2022 11:15

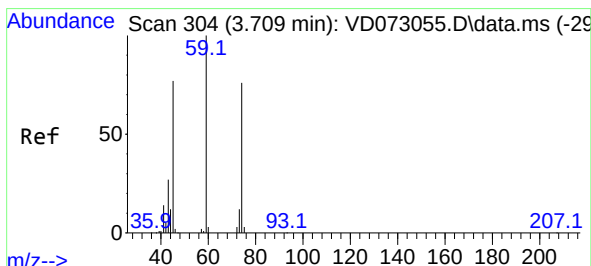
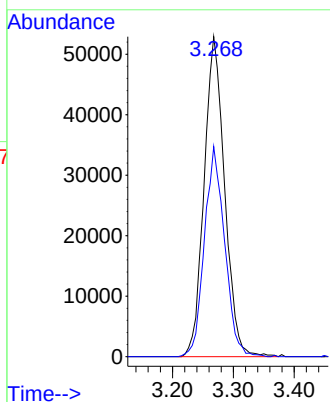
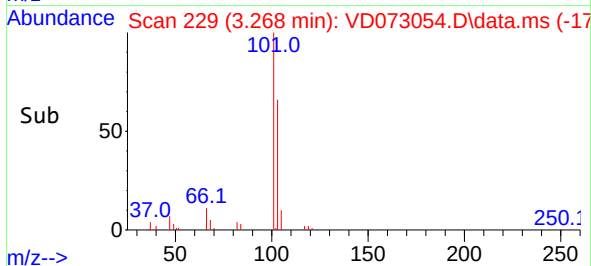
Instrument :
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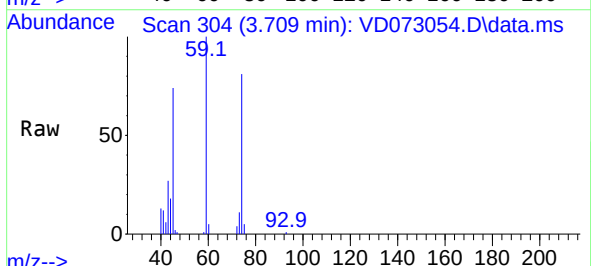
Tgt Ion:101 Resp: 124130
 Ion Ratio Lower Upper
 101 100
 103 65.6 50.1 75.1

Manual Integrations
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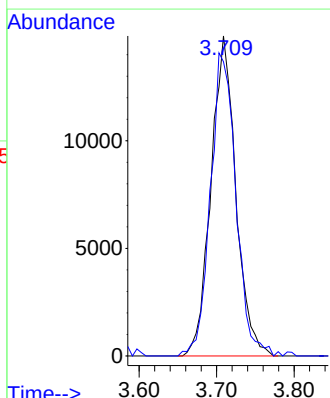
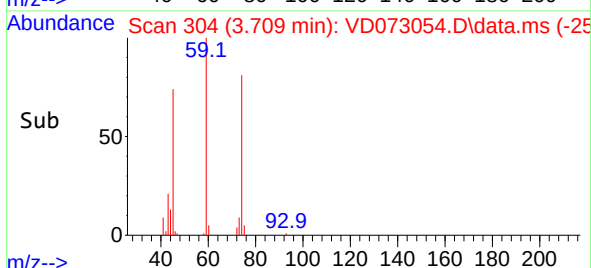
Reviewed By :John Carlone 05/18/2022
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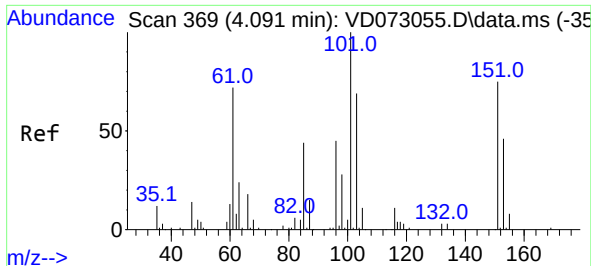


#8
 Diethyl Ether
 Concen: 20.157 ug/l
 RT: 3.709 min Scan# 304
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 33186
 Ion Ratio Lower Upper
 74 100
 45 97.3 52.6 157.8





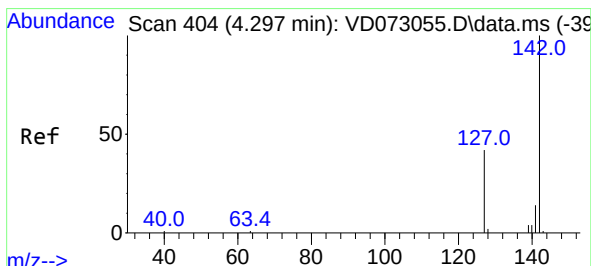
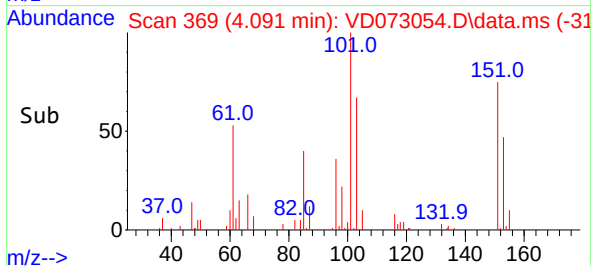
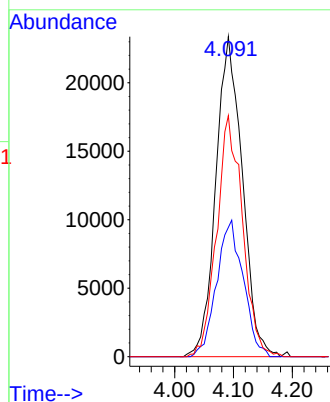
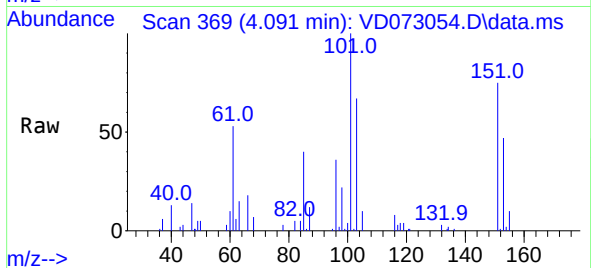
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1,1,2-Trichlorotrifluoroethane
Concen: 20.513 ug/l
RT: 4.091 min Scan# 369
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

Instrument :
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ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 73088
Ion Ratio Lower Upper
101 100
85 42.9 36.4 54.6
151 73.4 57.3 85.9

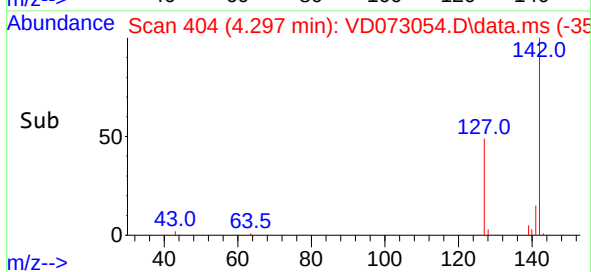
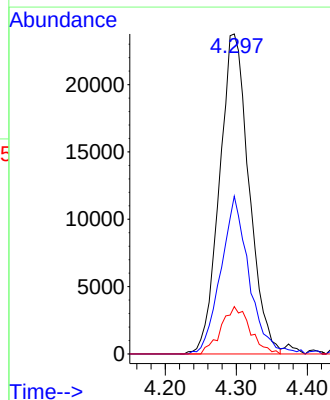
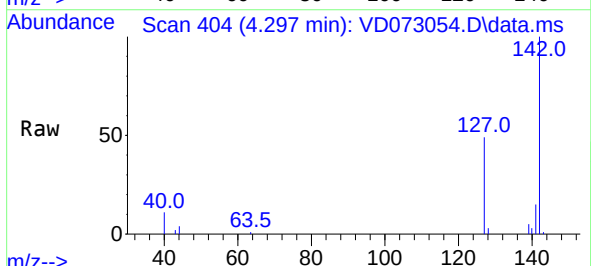
Manual Integrations
APPROVED

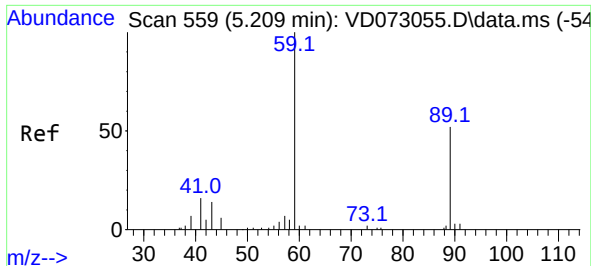
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#10
Methyl Iodide
Concen: 19.046 ug/l
RT: 4.297 min Scan# 404
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

Tgt Ion:142 Resp: 68545
Ion Ratio Lower Upper
142 100
127 47.3 37.3 55.9
141 14.5 11.7 17.5





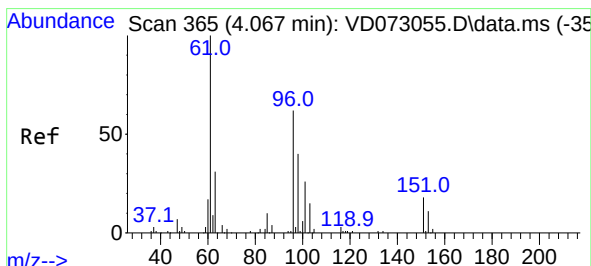
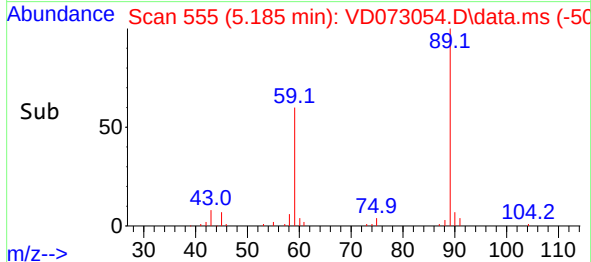
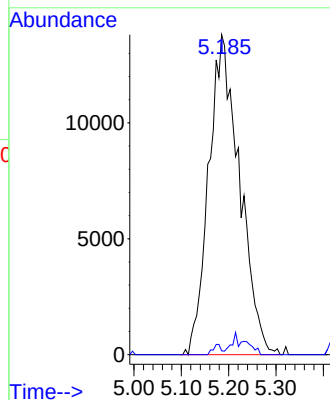
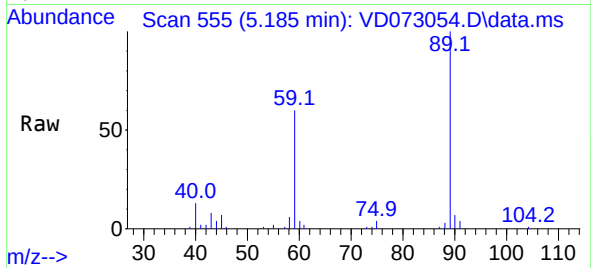
#11
Tert butyl alcohol
Concen: 116.233 ug/l
RT: 5.185 min Scan# 511
Delta R.T. -0.023 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 59 Resp: 6235
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6

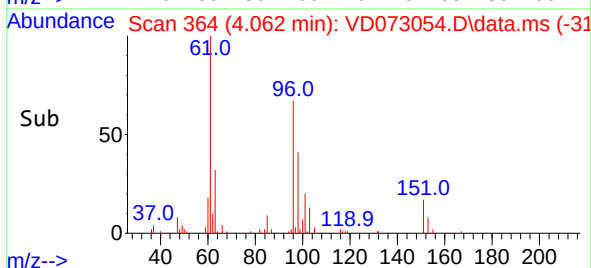
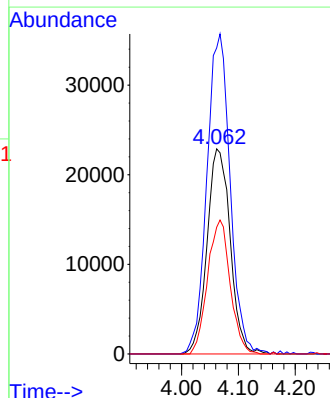
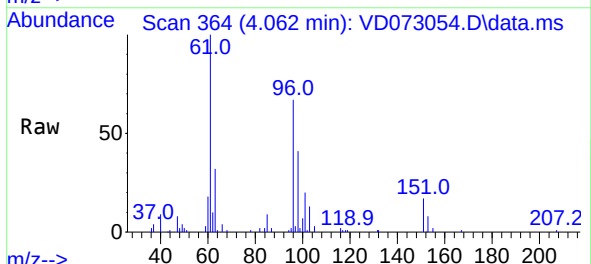
Manual Integrations
APPROVED

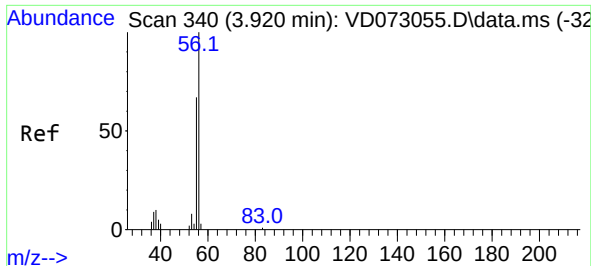
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#12
1,1-Dichloroethene
Concen: 20.103 ug/l
RT: 4.062 min Scan# 364
Delta R.T. -0.006 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

Tgt Ion: 96 Resp: 64771
Ion Ratio Lower Upper
96 100
61 149.2 138.5 207.7
98 61.7 48.6 73.0





#13

Acrolein

Concen: 116.169 ug/l

RT: 3.926 min Scan# 341

Delta R.T. 0.006 min

Lab File: VD073054.D

Acq: 17 May 2022 11:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion: 56 Resp: 33754

Ion Ratio Lower Upper

56 100

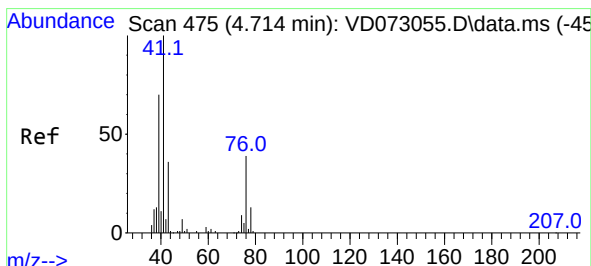
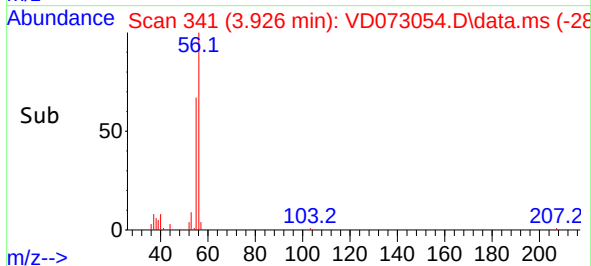
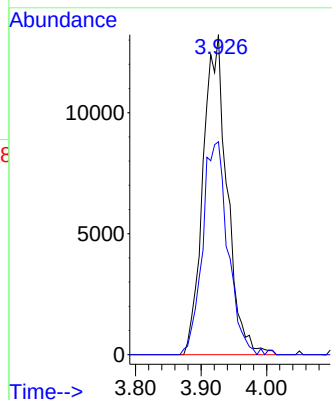
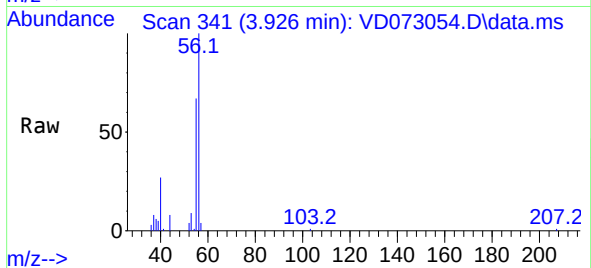
55 69.9 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#14

Allyl chloride

Concen: 19.796 ug/l

RT: 4.709 min Scan# 474

Delta R.T. -0.006 min

Lab File: VD073054.D

Acq: 17 May 2022 11:15

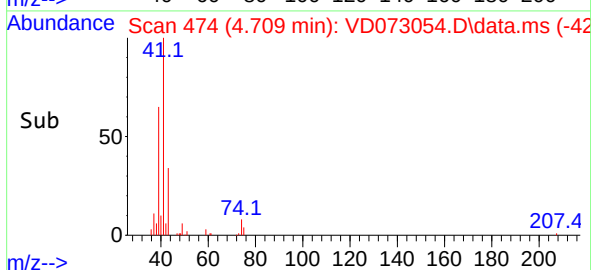
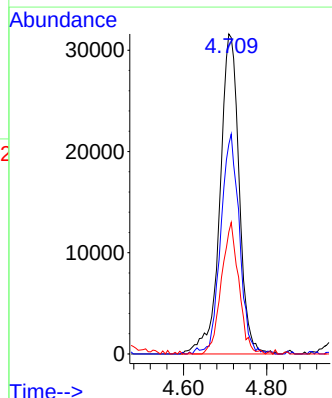
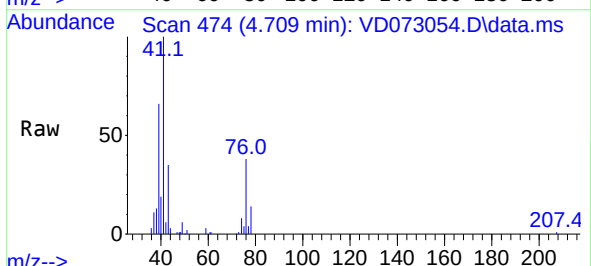
Tgt Ion: 41 Resp: 101052

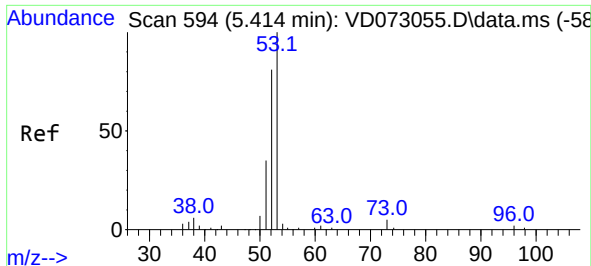
Ion Ratio Lower Upper

41 100

39 65.1 59.3 88.9

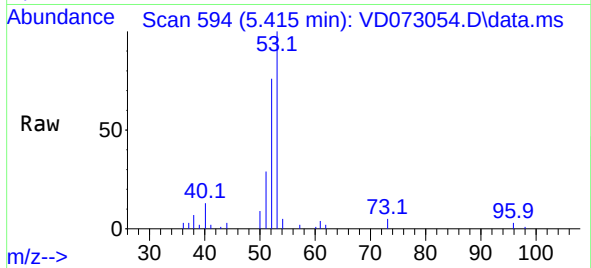
76 37.5 25.7 38.5





#15
Acrylonitrile
Concen: 97.675 ug/l
RT: 5.415 min Scan# 594
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

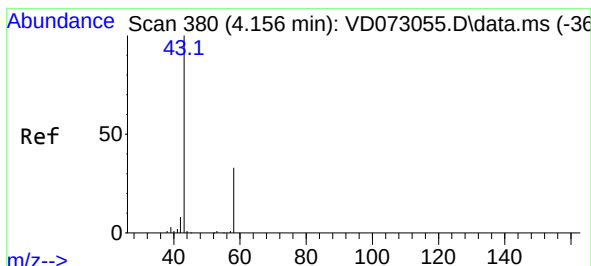
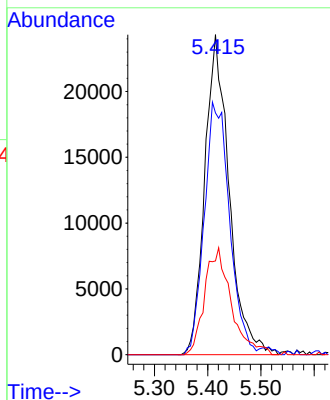
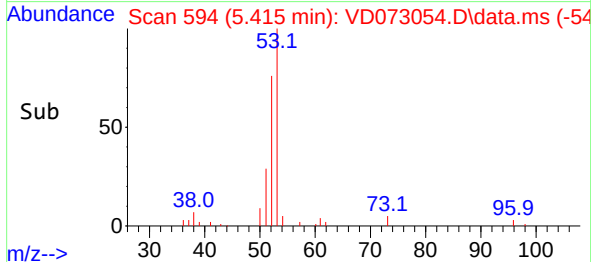
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



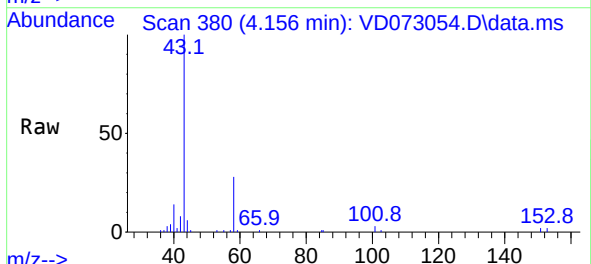
Tgt Ion: 53 Resp: 77072
Ion Ratio Lower Upper
53 100
52 82.1 67.2 100.8
51 36.4 30.3 45.5

Manual Integrations
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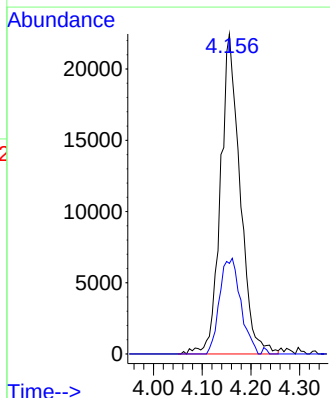
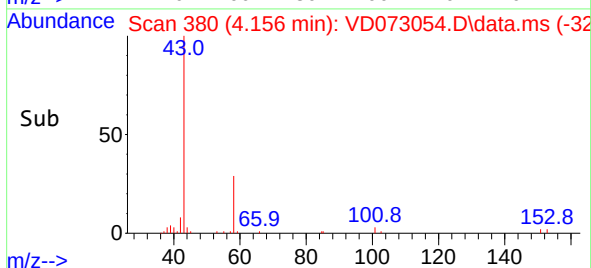
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

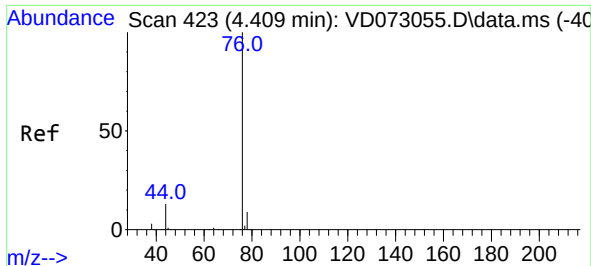


#16
Acetone
Concen: 100.214 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15



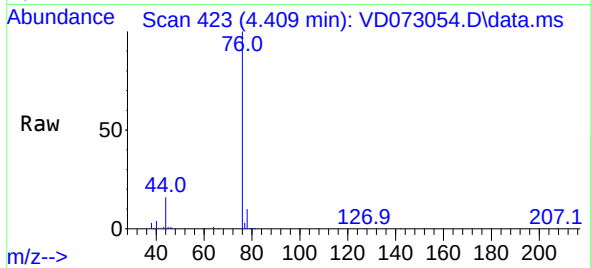
Tgt Ion: 43 Resp: 62894
Ion Ratio Lower Upper
43 100
58 28.3 22.1 33.1





#17
Carbon Disulfide
Concen: 20.760 ug/l
RT: 4.409 min Scan# 418
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

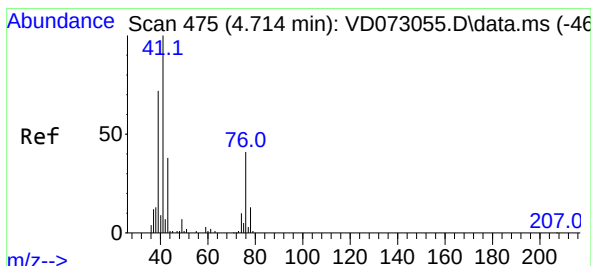
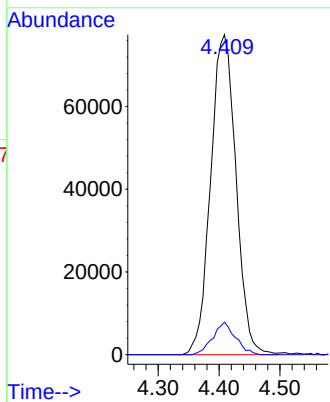
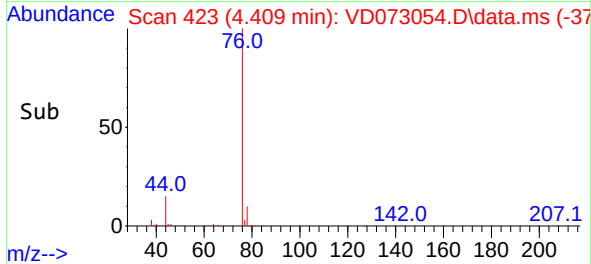
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



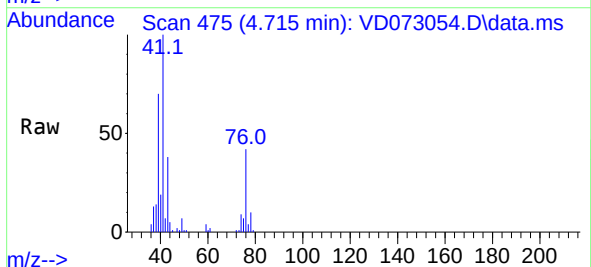
Tgt Ion: 76 Resp: 224018
Ion Ratio Lower Upper
76 100
78 10.2 7.5 11.3

Manual Integrations
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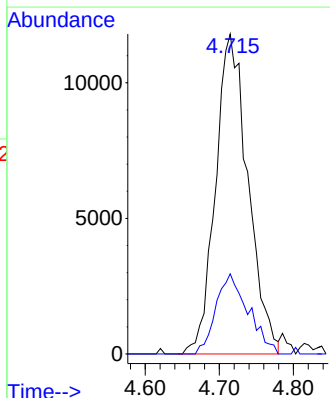
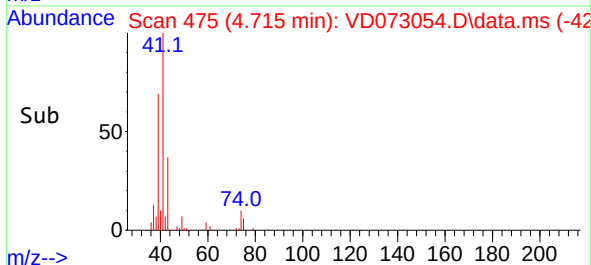
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

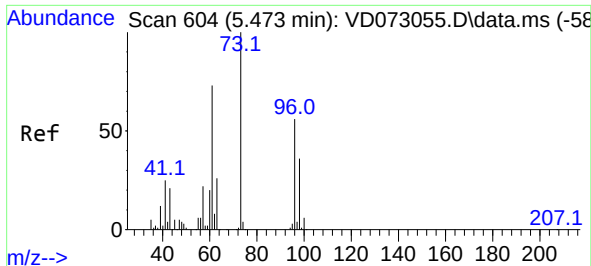


#18
Methyl Acetate
Concen: 18.126 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15



Tgt Ion: 43 Resp: 35914
Ion Ratio Lower Upper
43 100
74 24.9 16.7 25.1





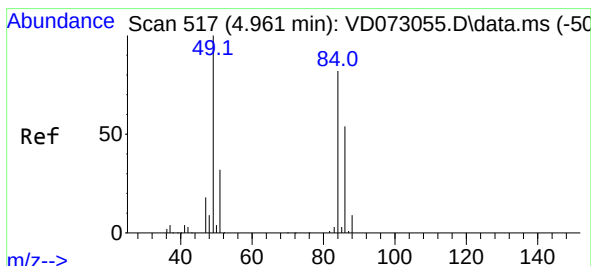
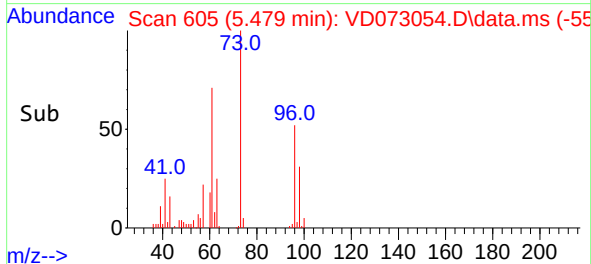
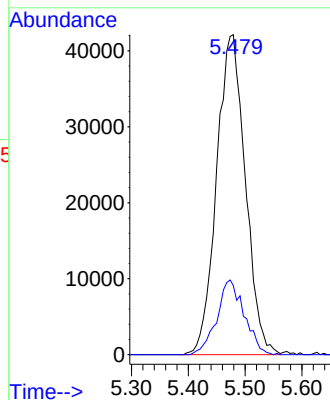
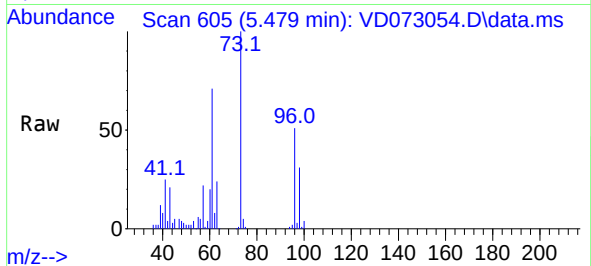
#19
Methyl tert-butyl Ether
Concen: 19.667 ug/l
RT: 5.479 min Scan# 604
Delta R.T. 0.006 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 14818
Ion Ratio Lower Upper
73 100
57 21.6 18.0 27.0

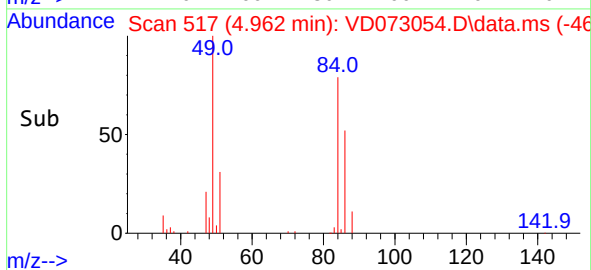
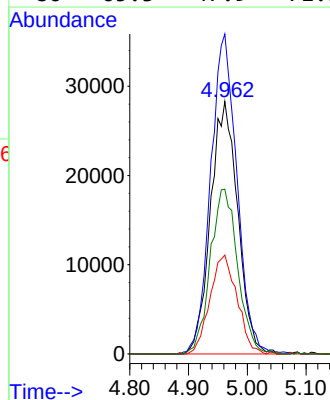
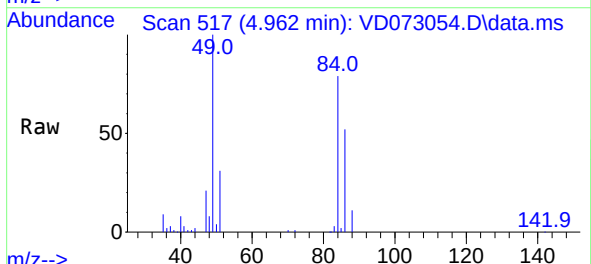
Manual Integrations
APPROVED

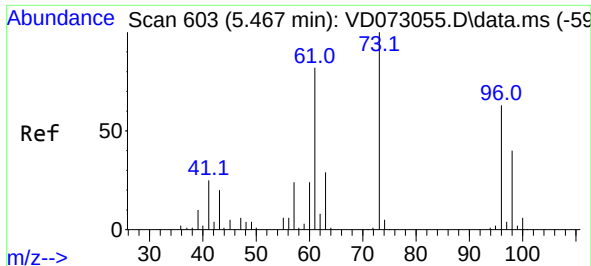
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#20
Methylene Chloride
Concen: 20.028 ug/l
RT: 4.962 min Scan# 517
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

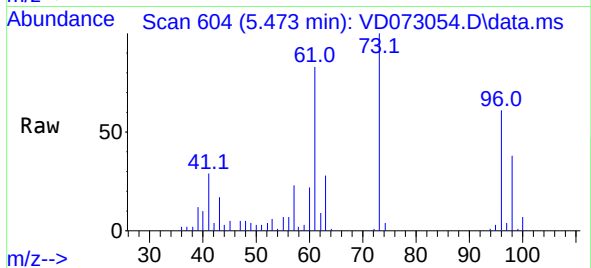
Tgt Ion: 84 Resp: 91228
Ion Ratio Lower Upper
84 100
49 126.7 112.8 169.2
51 39.2 32.6 48.8
86 65.3 47.9 71.9





#21
trans-1,2-Dichloroethene
Concen: 20.532 ug/l
RT: 5.473 min Scan# 603
Delta R.T. 0.006 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

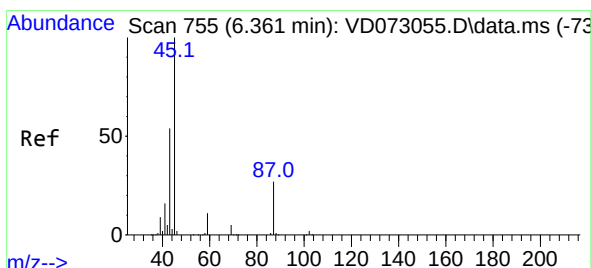
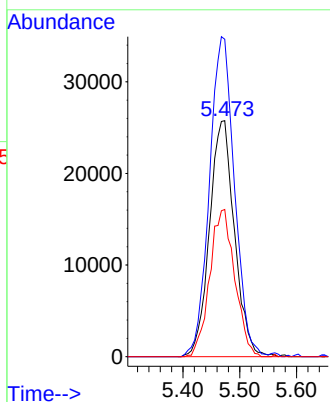
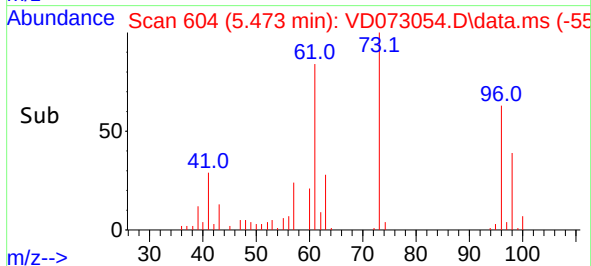
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion: 96 Resp: 7869
Ion Ratio Lower Upper
96 100
61 134.5 117.9 176.9
98 62.4 49.4 74.2

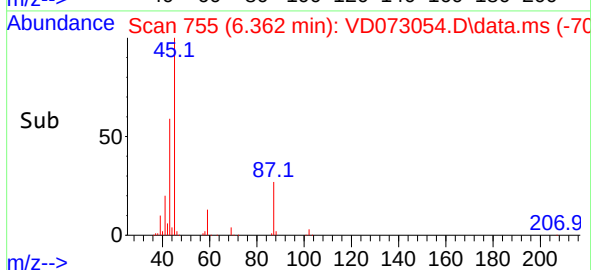
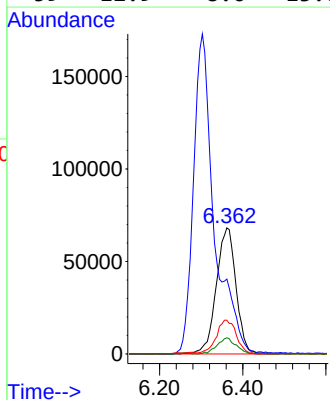
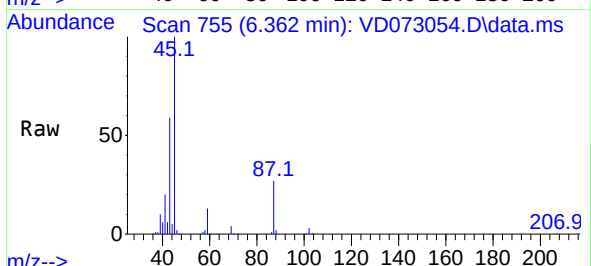
Manual Integrations
APPROVED

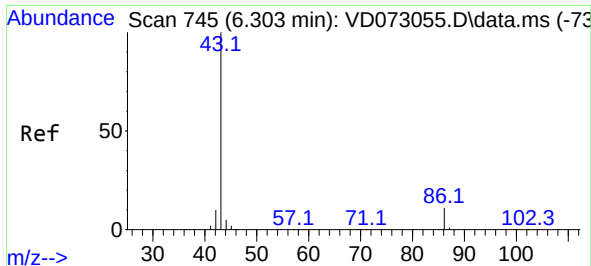
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#22
Diisopropyl ether
Concen: 20.499 ug/l
RT: 6.362 min Scan# 755
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

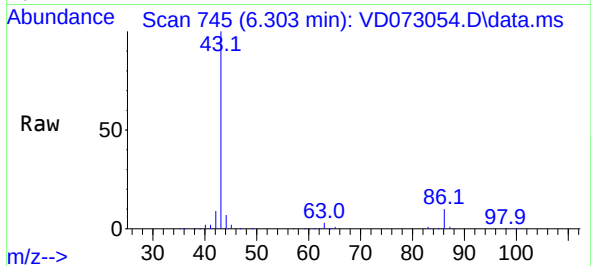
Tgt Ion: 45 Resp: 224597
Ion Ratio Lower Upper
45 100
43 58.5 46.6 70.0
87 26.7 18.4 27.6
59 12.9 8.6 13.0





#23
 Vinyl Acetate
 Concen: 101.549 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. 0.000 min
 Lab File: VD073054.D
 Acq: 17 May 2022 11:15

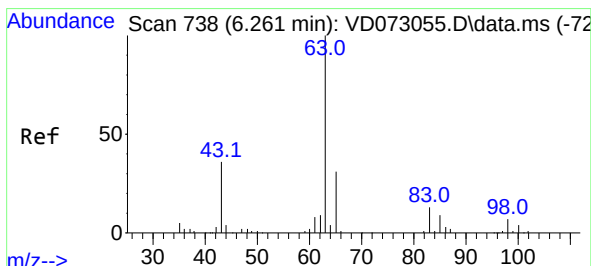
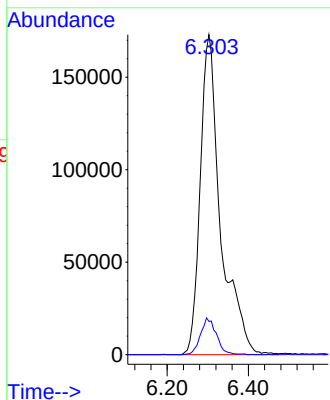
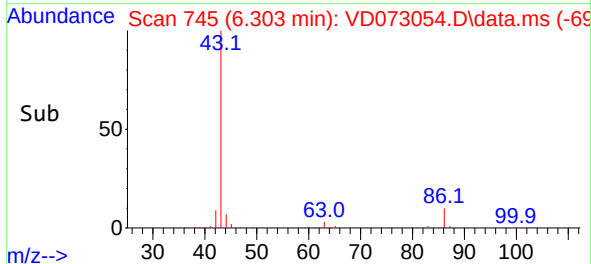
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020



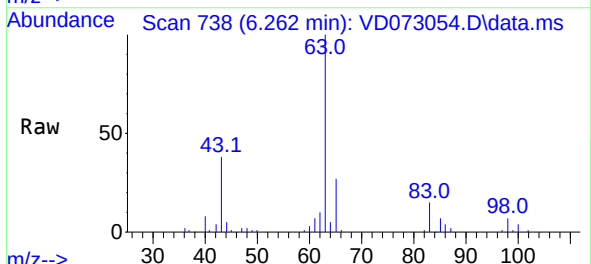
Tgt Ion: 43 Resp: 601070
 Ion Ratio Lower Upper
 43 100
 86 10.4 7.1 10.7

Manual Integrations
 APPROVED

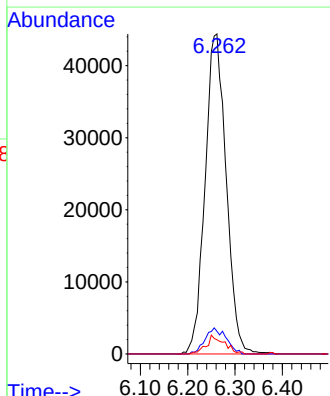
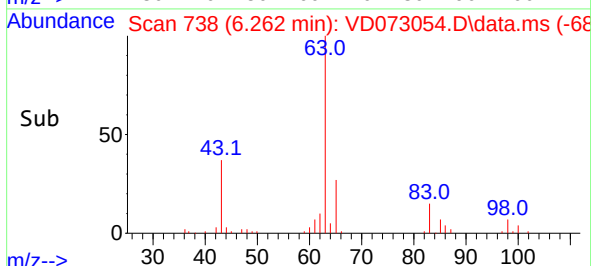
Reviewed By :John Carlone 05/18/2022
 Supervised By :Mahesh Dadoda 05/18/2022

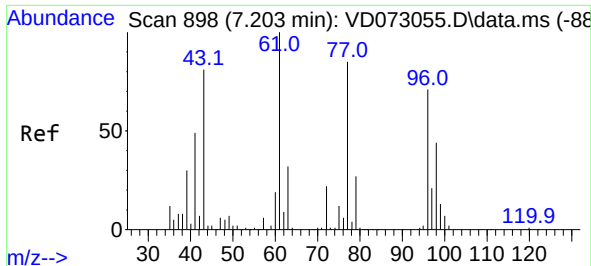


#24
 1,1-Dichloroethane
 Concen: 20.174 ug/l
 RT: 6.262 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD073054.D
 Acq: 17 May 2022 11:15



Tgt Ion: 63 Resp: 137516
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.6 10.9
 100 4.5 2.1 6.5





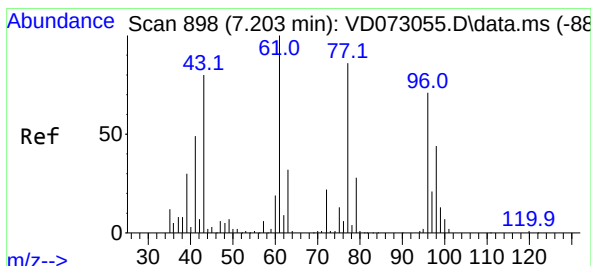
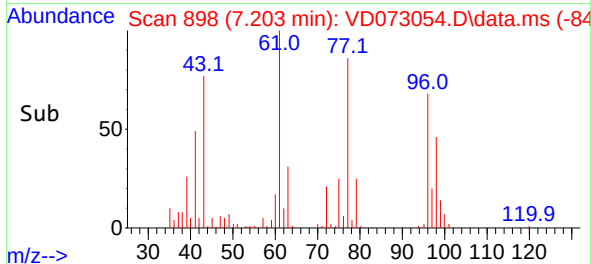
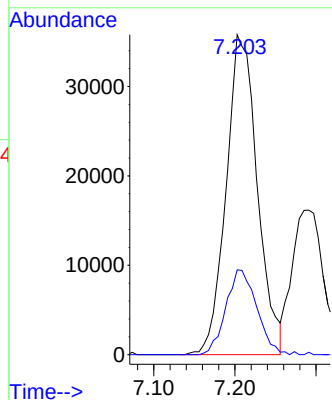
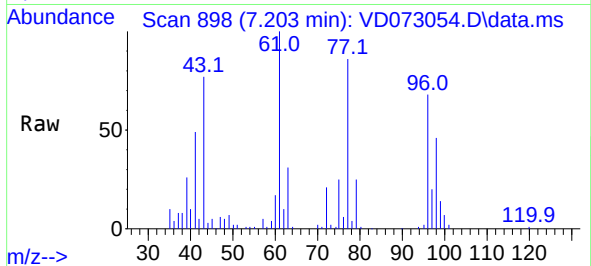
#25
2-Butanone
Concen: 100.507 ug/l
RT: 7.203 min Scan# 898
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

Instrument :
MSVOA_D
Client Sample Id :
VSTDIC020

Tgt Ion: 43 Resp: 9551
Ion Ratio Lower Upper
43 100
72 26.5 18.6 27.8

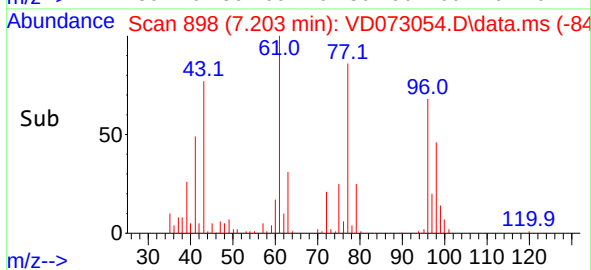
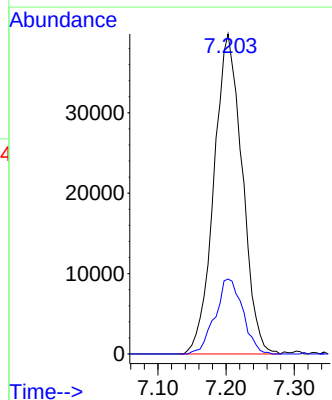
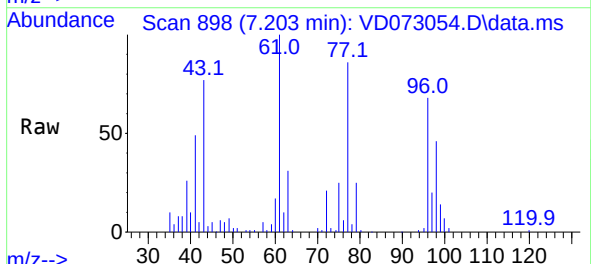
Manual Integrations
APPROVED

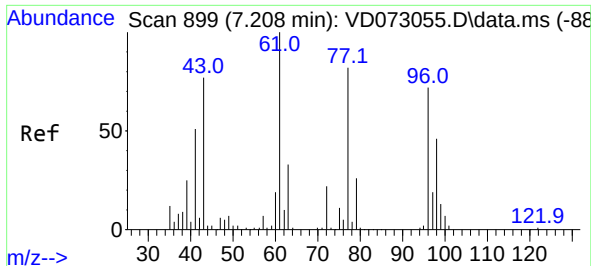
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#26
2,2-Dichloropropane
Concen: 19.897 ug/l
RT: 7.203 min Scan# 898
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

Tgt Ion: 77 Resp: 114823
Ion Ratio Lower Upper
77 100
97 22.9 10.8 32.4





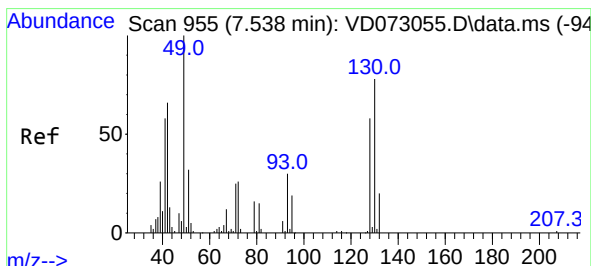
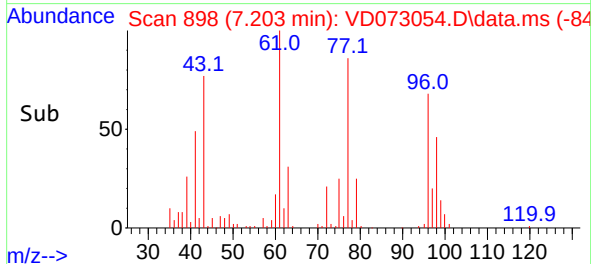
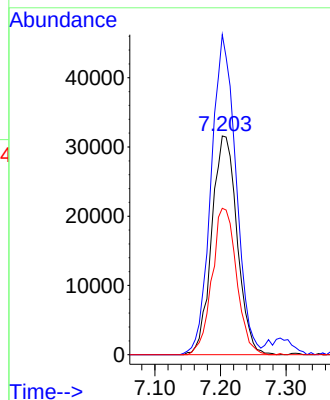
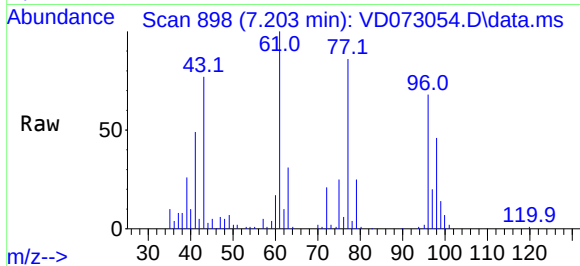
#27
 cis-1,2-Dichloroethene
 Concen: 20.038 ug/l
 RT: 7.203 min Scan# 899
 Delta R.T. -0.006 min
 Lab File: VD073054.D
 Acq: 17 May 2022 11:15

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Tgt Ion: 96 Resp: 8468
 Ion Ratio Lower Upper
 96 100
 61 143.4 0.0 313.8
 98 64.8 0.0 128.8

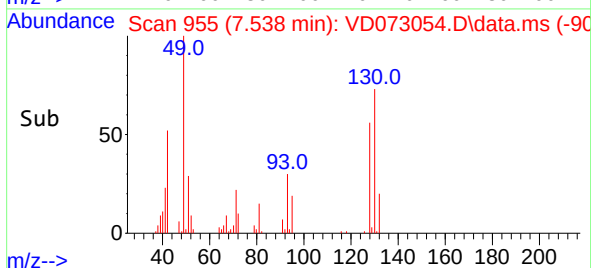
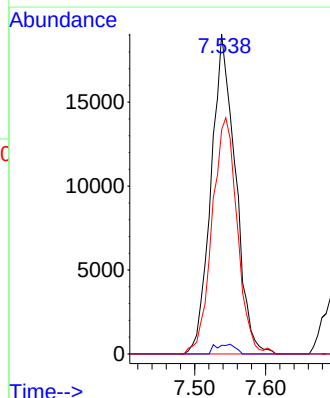
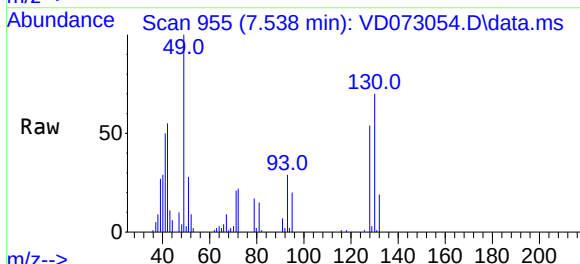
Manual Integrations
 APPROVED

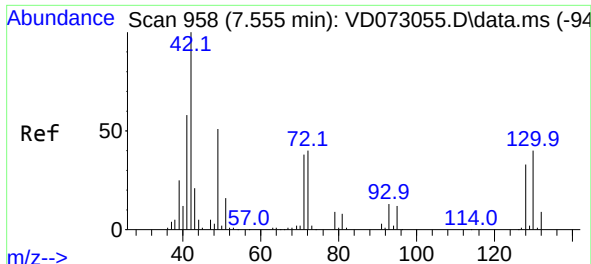
Reviewed By :John Carlone 05/18/2022
 Supervised By :Mahesh Dadoda 05/18/2022



#28
 Bromochloromethane
 Concen: 19.411 ug/l
 RT: 7.538 min Scan# 955
 Delta R.T. 0.000 min
 Lab File: VD073054.D
 Acq: 17 May 2022 11:15

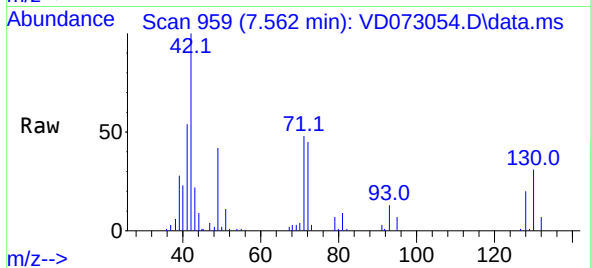
Tgt Ion: 49 Resp: 45325
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.0
 130 76.1 52.6 79.0





#29
Tetrahydrofuran
Concen: 99.266 ug/l
RT: 7.562 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

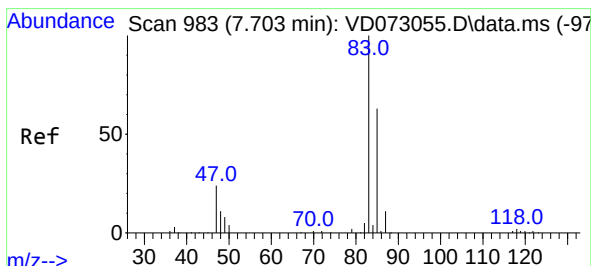
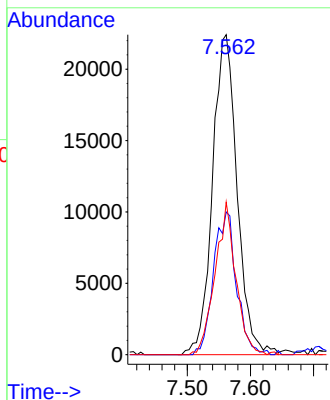
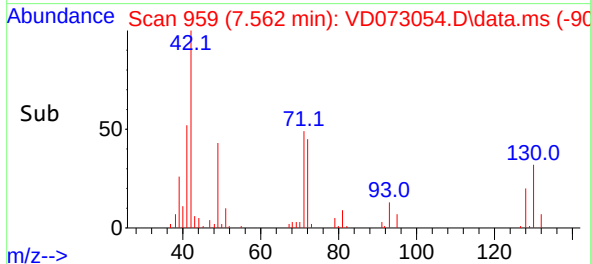
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



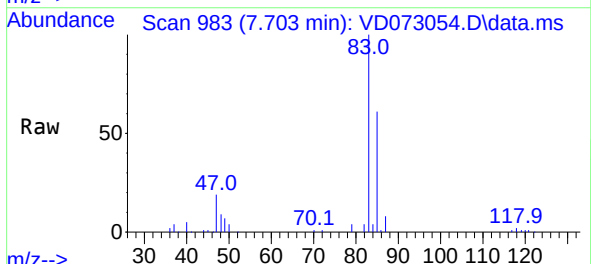
Tgt Ion: 42 Resp: 6070
Ion Ratio Lower Upper
42 100
72 41.6 30.7 46.1
71 40.1 28.6 43.0

Manual Integrations
APPROVED

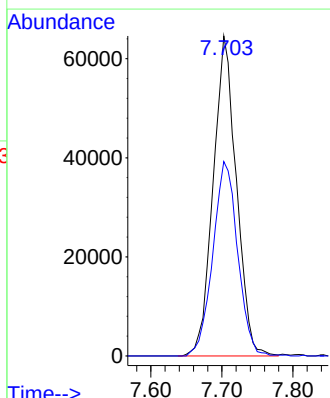
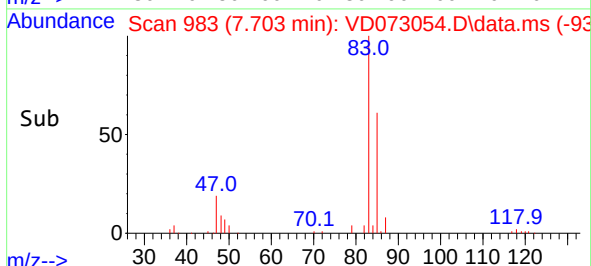
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

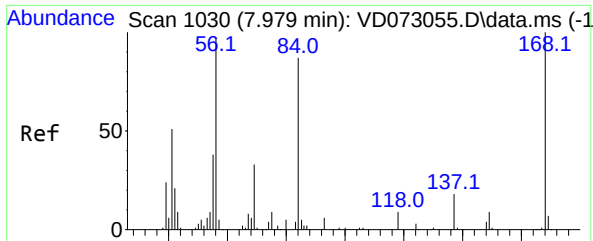


#30
Chloroform
Concen: 20.067 ug/l
RT: 7.703 min Scan# 983
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15



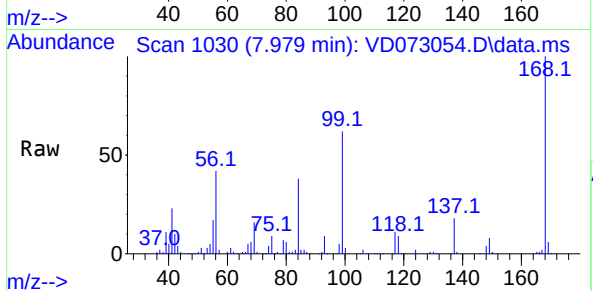
Tgt Ion: 83 Resp: 146356
Ion Ratio Lower Upper
83 100
85 60.8 52.7 79.1





#31
Cyclohexane
Concen: 20.249 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

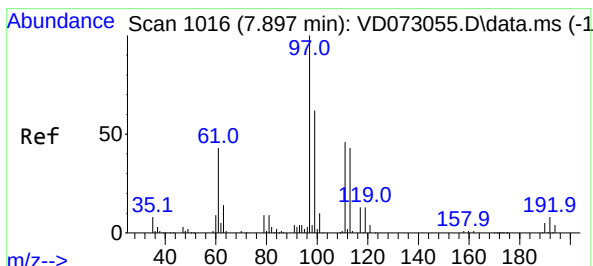
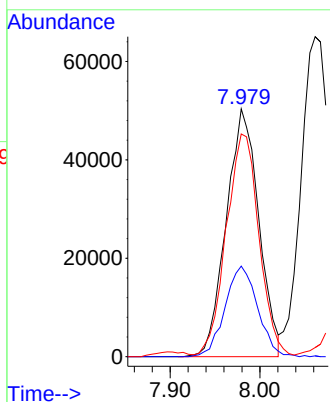
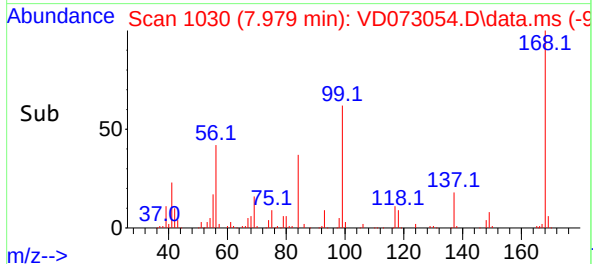
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



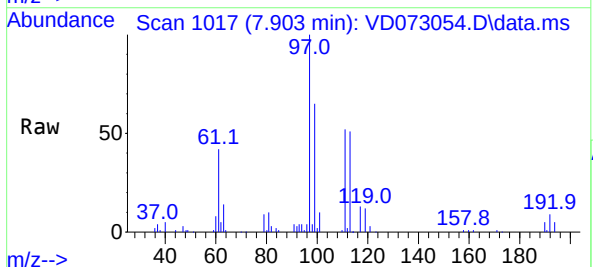
Tgt Ion: 56 Resp: 12649
Ion Ratio Lower Upper
56 100
69 36.5 25.4 38.2
84 88.3 63.0 94.4

Manual Integrations
APPROVED

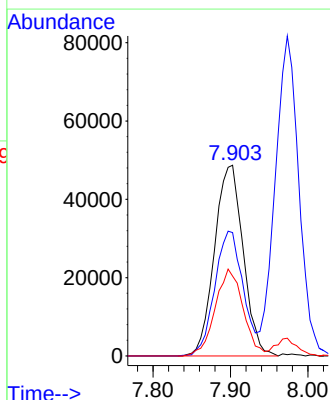
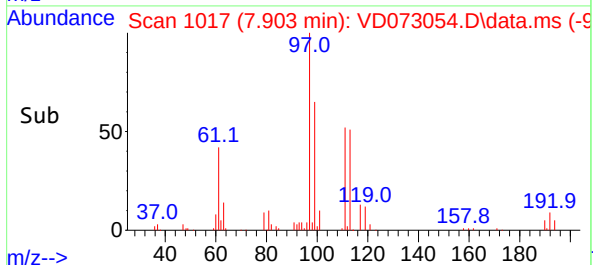
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

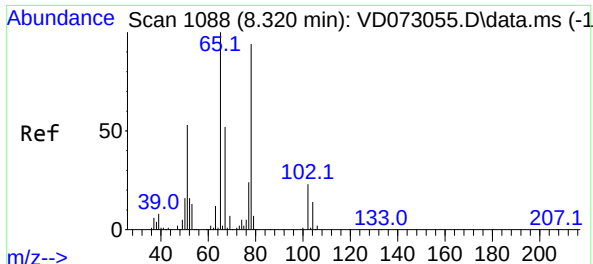


#32
1,1,1-Trichloroethane
Concen: 20.063 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. 0.006 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15



Tgt Ion: 97 Resp: 125360
Ion Ratio Lower Upper
97 100
99 64.3 52.4 78.6
61 44.3 38.0 57.0





#33
1,2-Dichloroethane-d4
Concen: 19.825 ug/l
RT: 8.326 min Scan# 1088
Delta R.T. 0.006 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

Instrument :

MSVOA_D

ClientSampleId :

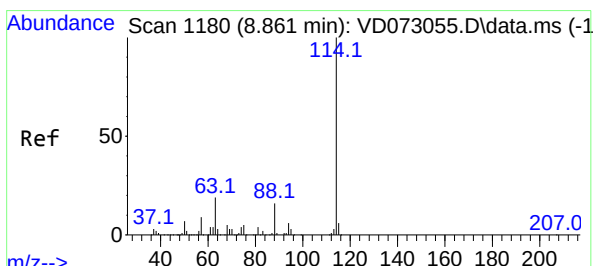
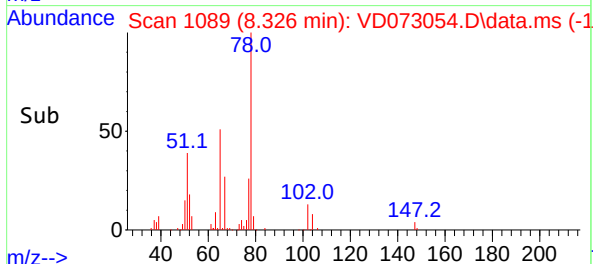
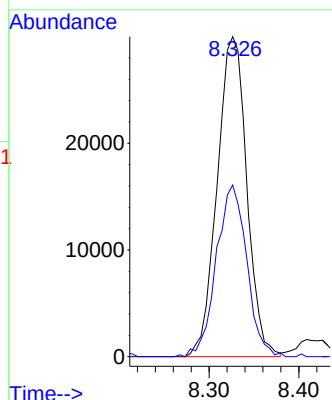
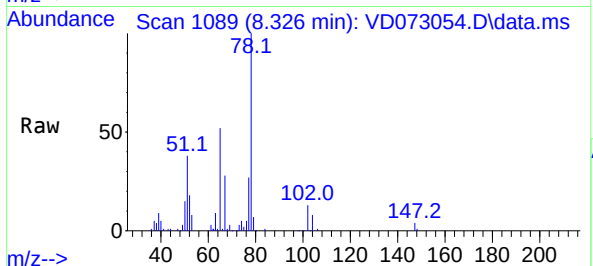
VSTDIC020

Tgt Ion: 65 Resp: 68750
Ion Ratio Lower Upper
65 100
67 55.1 0.0 101.4

Manual Integrations

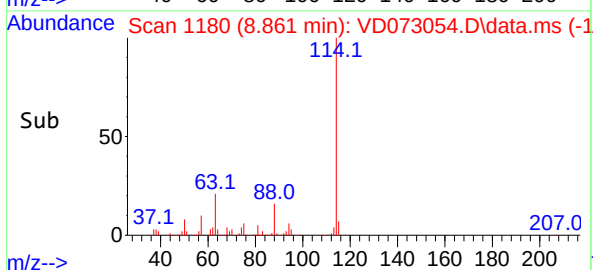
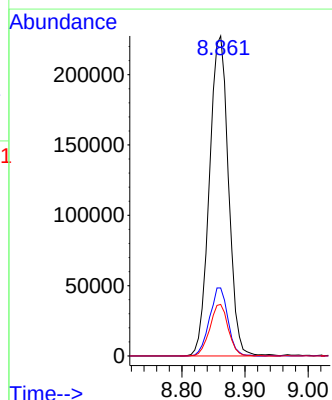
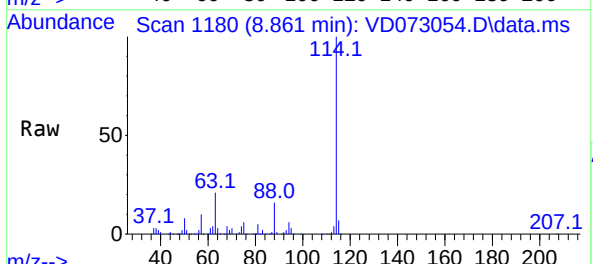
APPROVED

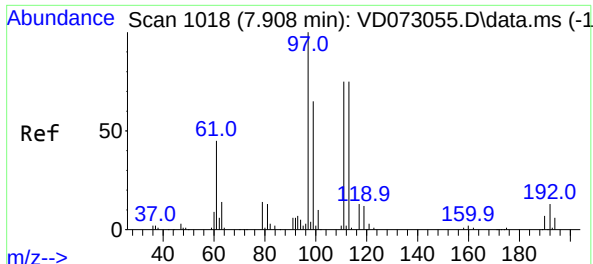
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

Tgt Ion:114 Resp: 476779
Ion Ratio Lower Upper
114 100
63 21.2 0.0 46.6
88 16.1 0.0 33.2





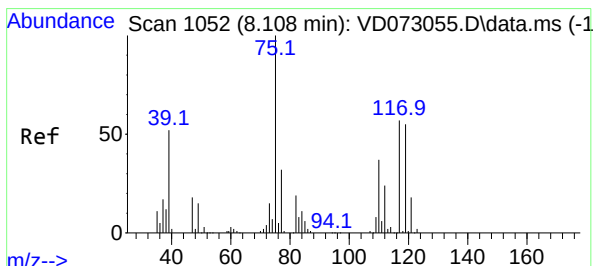
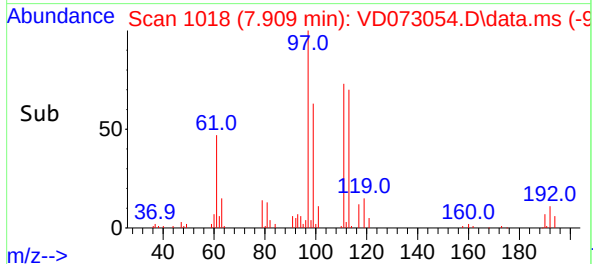
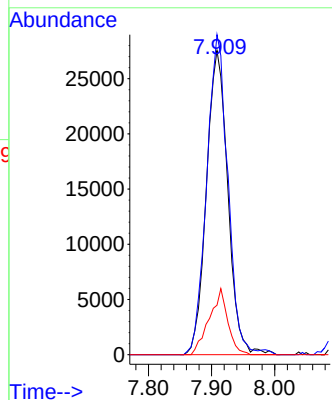
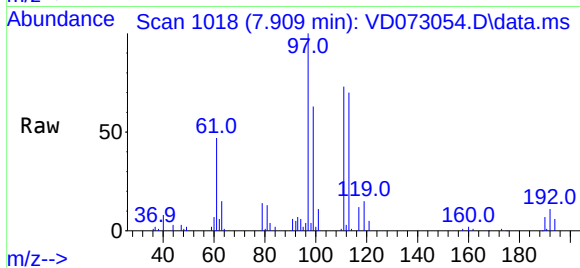
#35
Dibromofluoromethane
Concen: 19.358 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 113 Resp: 6480
Ion Ratio Lower Upper
113 100
111 103.7 83.8 125.6
192 18.8 14.6 21.8

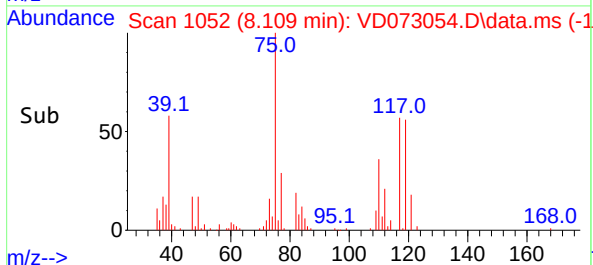
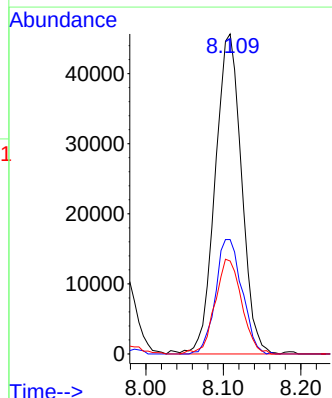
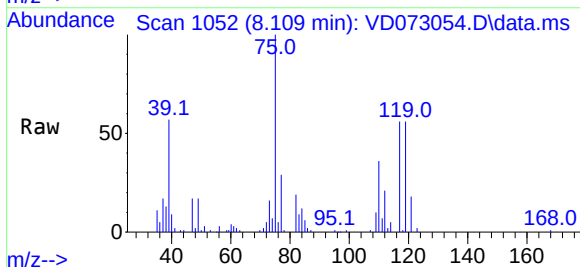
Manual Integrations
APPROVED

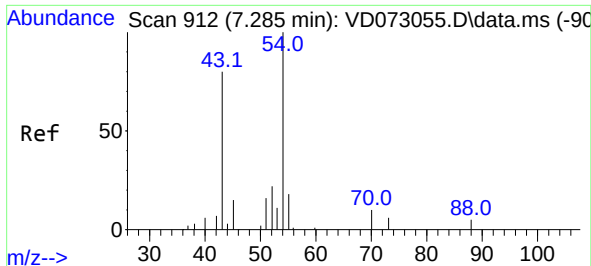
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#36
1,1-Dichloropropene
Concen: 19.753 ug/l
RT: 8.109 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

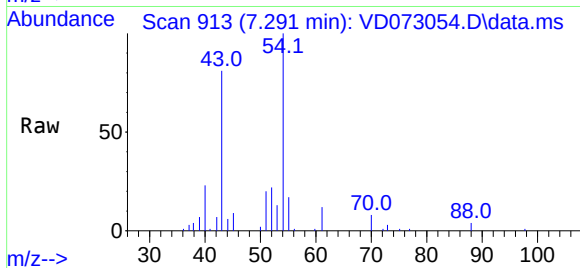
Tgt Ion: 75 Resp: 107740
Ion Ratio Lower Upper
75 100
110 36.1 16.4 49.1
77 29.9 24.2 36.2





#37
Ethyl Acetate
Concen: 19.613 ug/l
RT: 7.291 min Scan# 912
Delta R.T. 0.006 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

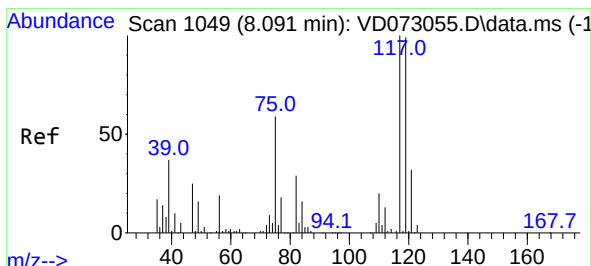
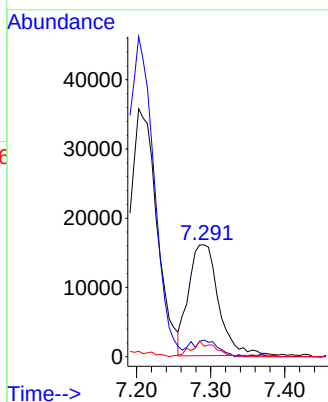
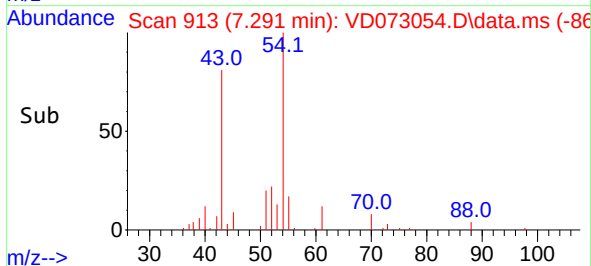
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 44927
Ion Ratio Lower Upper
43 100
61 13.8 9.8 14.8
70 11.0 6.9 10.3

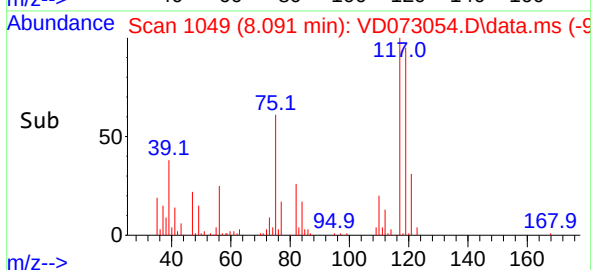
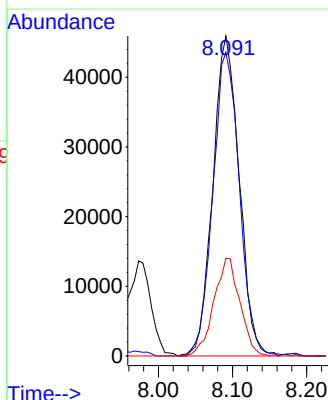
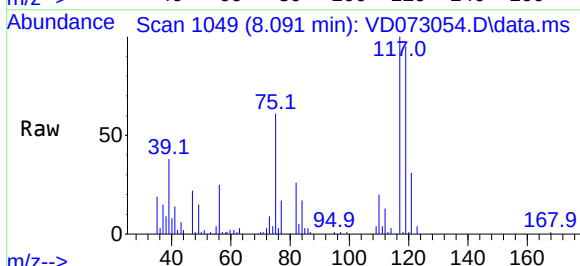
Manual Integrations
APPROVED

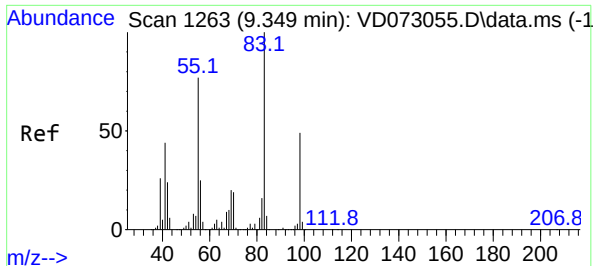
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#38
Carbon Tetrachloride
Concen: 20.259 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

Tgt Ion:117 Resp: 113053
Ion Ratio Lower Upper
117 100
119 94.9 75.8 113.6
121 30.5 24.5 36.7





#39

Methylcyclohexane

Concen: 19.240 ug/l

RT: 9.350 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD073054.D

Acq: 17 May 2022 11:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion: 83 Resp: 122369

Ion Ratio Lower Upper

83 100

55 76.6 63.2 94.8

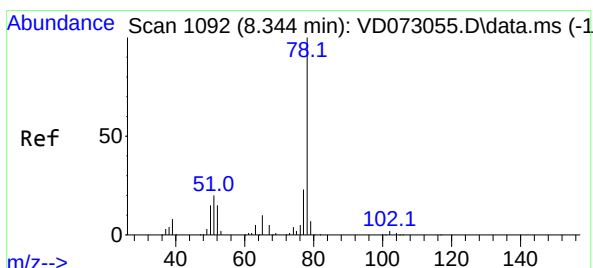
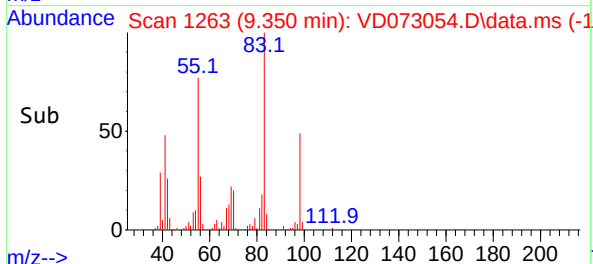
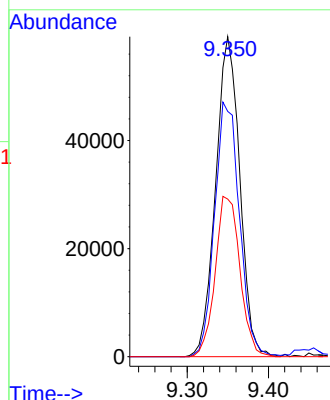
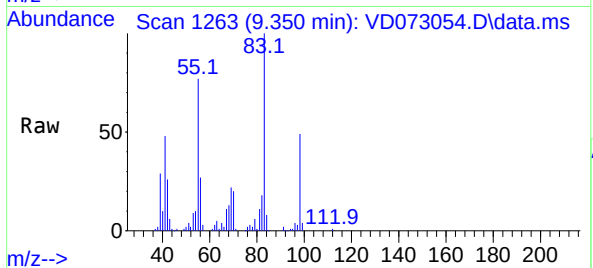
98 49.2 38.2 57.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#40

Benzene

Concen: 20.007 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD073054.D

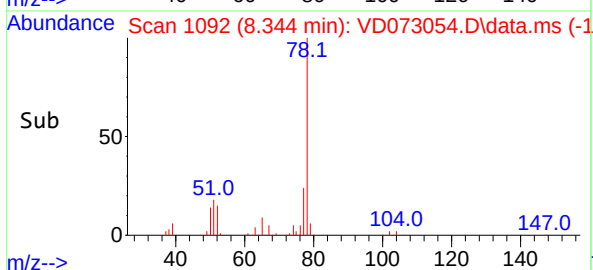
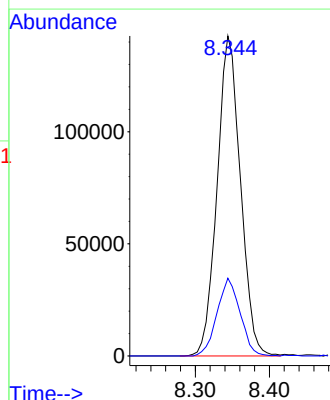
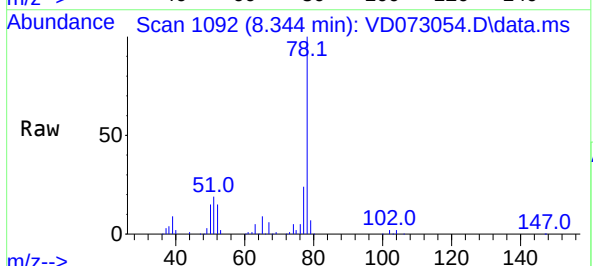
Acq: 17 May 2022 11:15

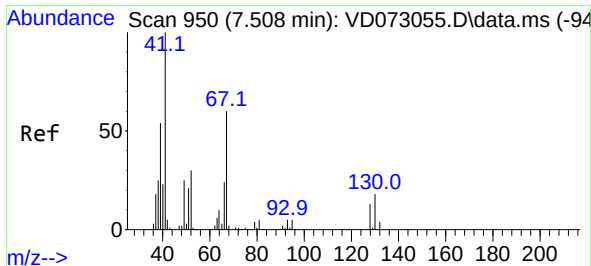
Tgt Ion: 78 Resp: 312035

Ion Ratio Lower Upper

78 100

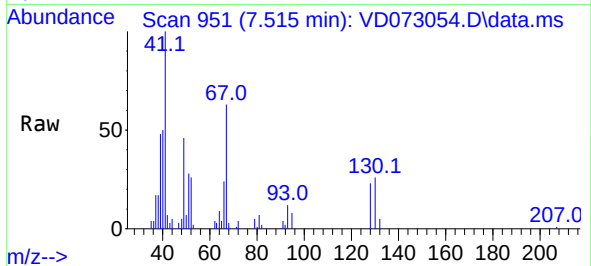
77 24.3 19.1 28.7





#41
Methacrylonitrile
Concen: 16.851 ug/l
RT: 7.515 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

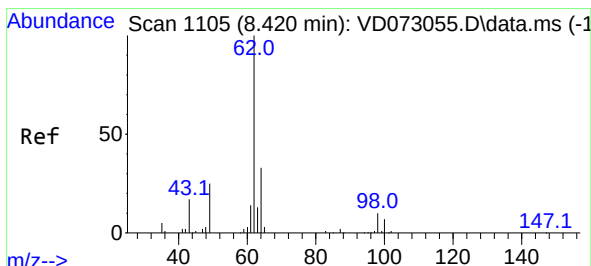
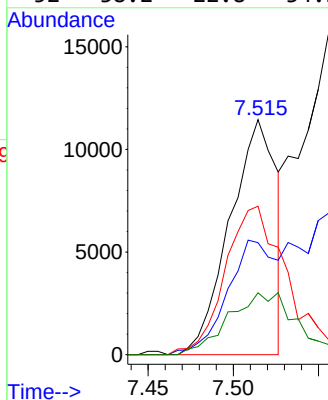
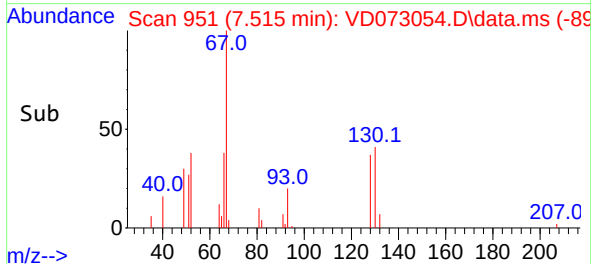
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion: 41 Resp: 2176
Ion Ratio Lower Upper
41 100
39 51.1 44.6 67.0
67 84.1 48.2 72.4
52 38.2 22.8 34.2

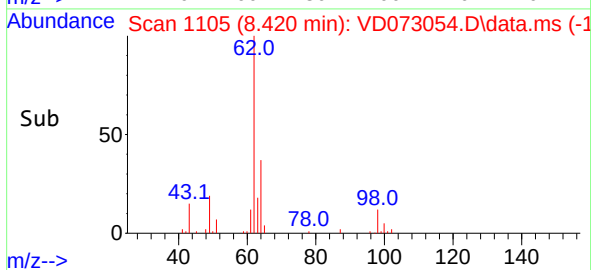
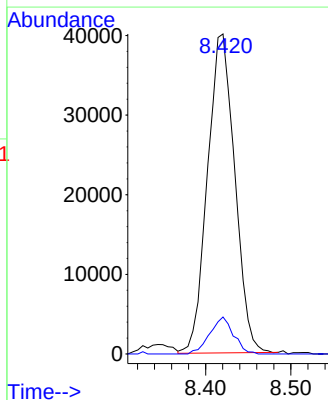
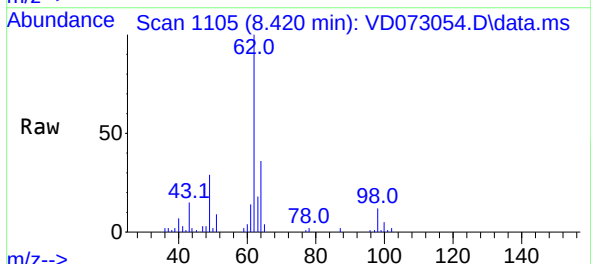
Manual Integrations
APPROVED

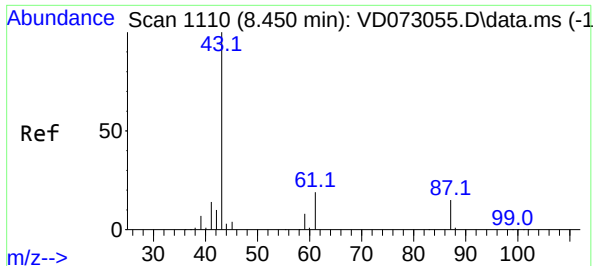
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#42
1,2-Dichloroethane
Concen: 19.656 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

Tgt Ion: 62 Resp: 89231
Ion Ratio Lower Upper
62 100
98 10.0 0.0 17.6





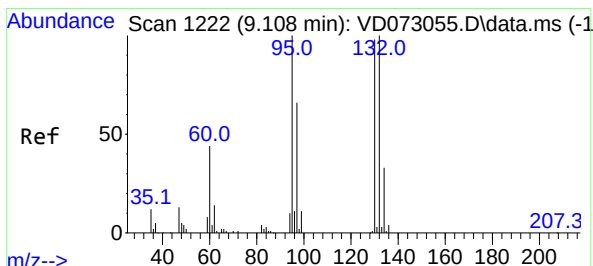
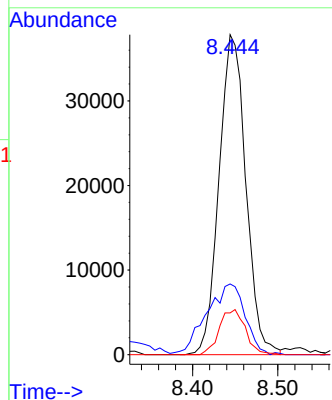
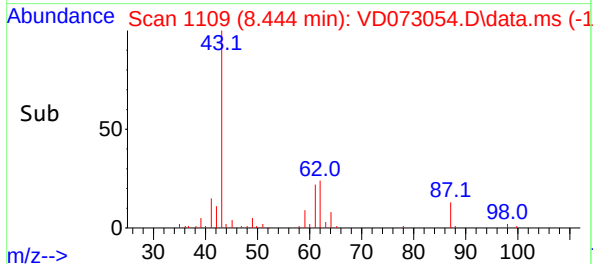
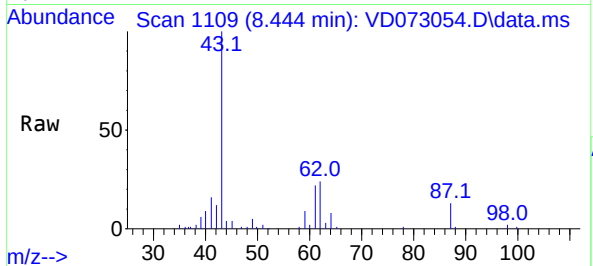
#43
Isopropyl Acetate
Concen: 19.408 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 82650
Ion Ratio Lower Upper
43 100
61 31.8 22.4 33.6
87 13.8 8.7 13.1

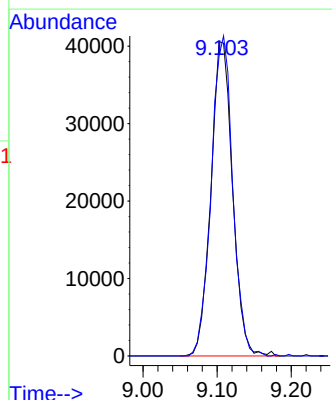
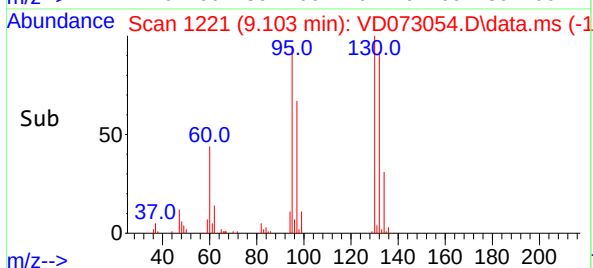
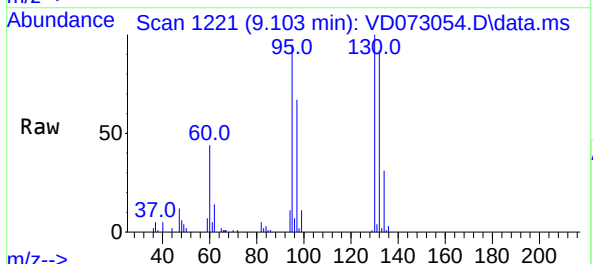
Manual Integrations
APPROVED

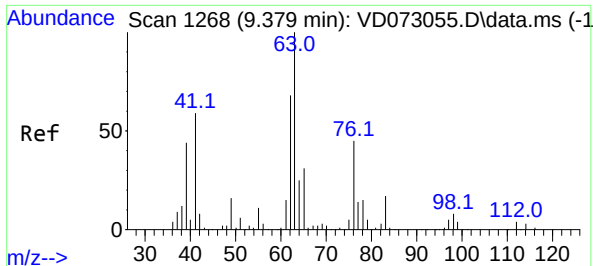
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#44
Trichloroethene
Concen: 19.481 ug/l
RT: 9.103 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

Tgt Ion:130 Resp: 82183
Ion Ratio Lower Upper
130 100
95 95.4 0.0 205.4





#45

1,2-Dichloropropane

Concen: 19.705 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. 0.000 min

Lab File: VD073054.D

Acq: 17 May 2022 11:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion: 63 Resp: 79810

Ion Ratio Lower Upper

63 100

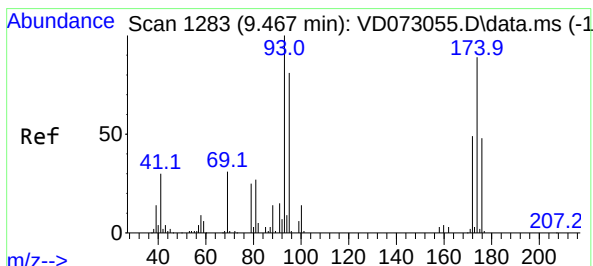
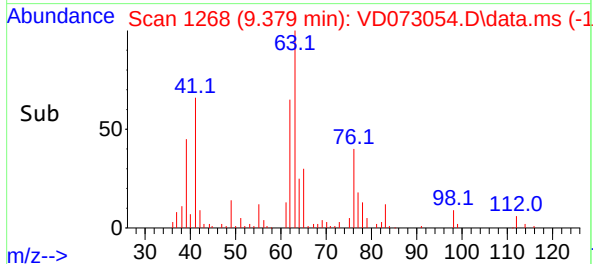
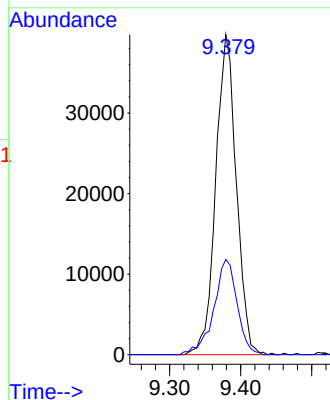
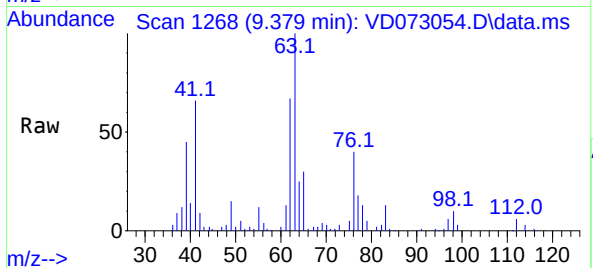
65 29.8 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#46

Dibromomethane

Concen: 19.952 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. 0.006 min

Lab File: VD073054.D

Acq: 17 May 2022 11:15

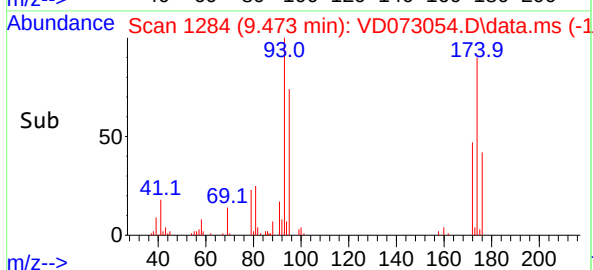
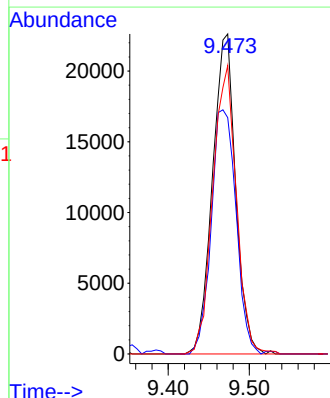
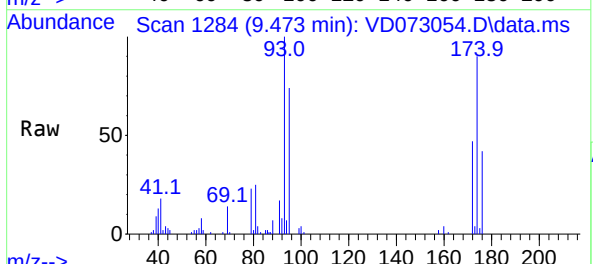
Tgt Ion: 93 Resp: 44683

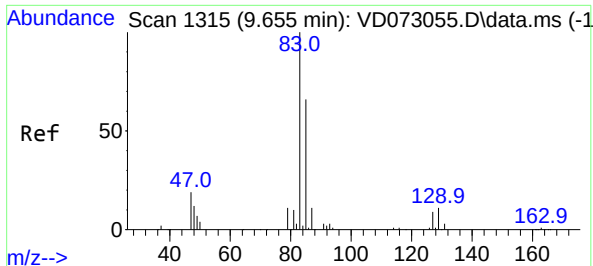
Ion Ratio Lower Upper

93 100

95 81.9 66.7 100.1

174 92.1 71.6 107.4





#47
Bromodichloromethane
Concen: 19.788 ug/l
RT: 9.656 min Scan# 112554
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

Instrument :

MSVOA_D

ClientSampleId :

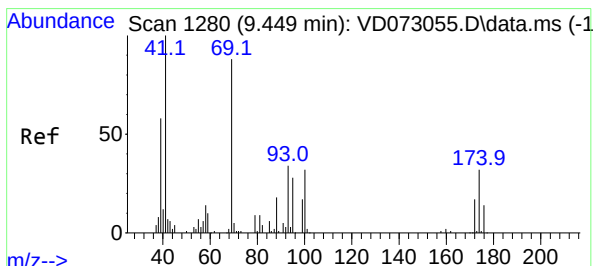
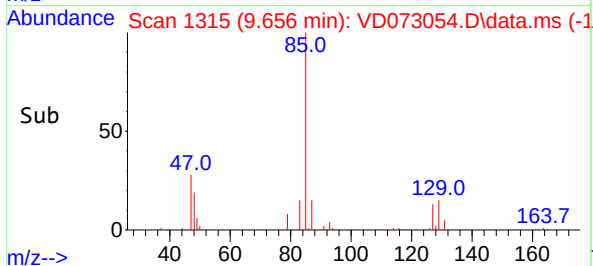
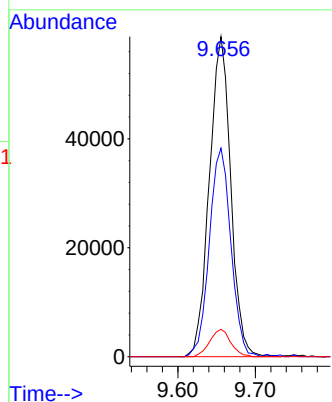
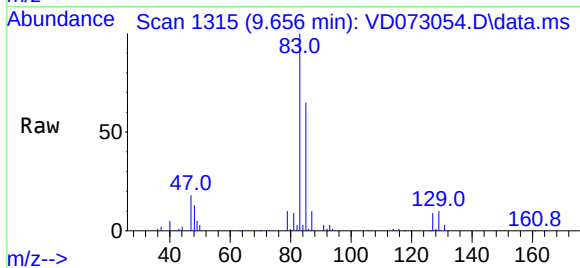
VSTDIC020

Tgt Ion: 83 Resp: 112554
Ion Ratio Lower Upper
83 100
85 65.2 51.4 77.0
127 8.6 6.1 9.1

Manual Integrations

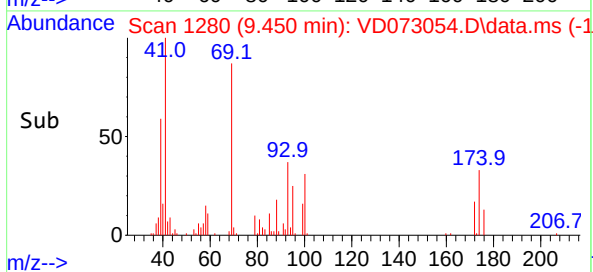
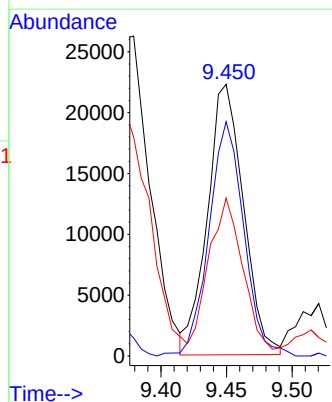
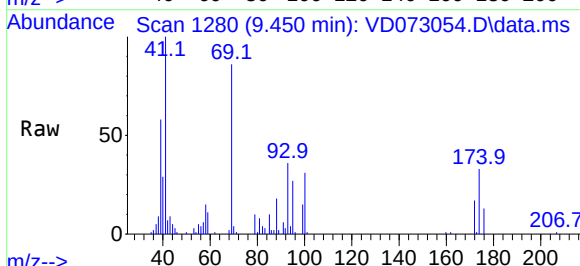
APPROVED

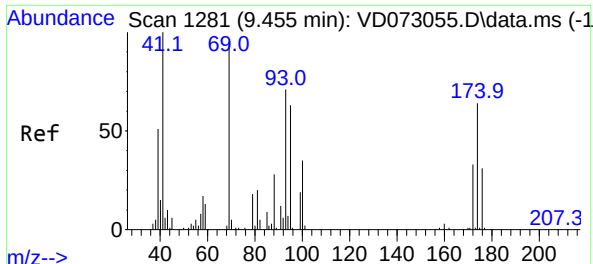
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#48
Methyl methacrylate
Concen: 20.181 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

Tgt Ion: 41 Resp: 42633
Ion Ratio Lower Upper
41 100
69 83.5 56.7 85.1
39 56.2 42.7 64.1





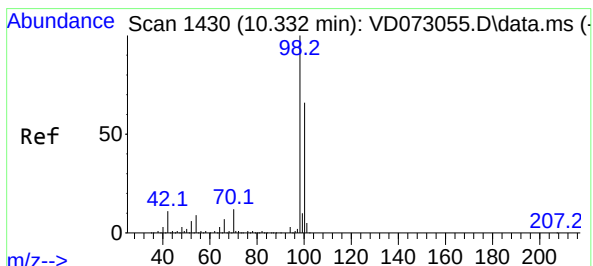
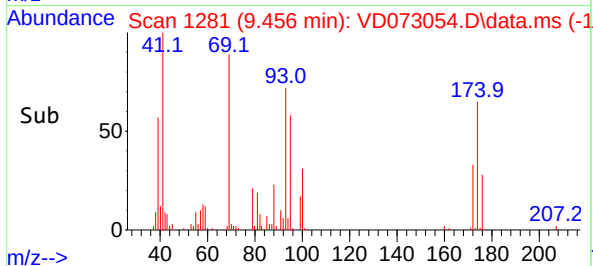
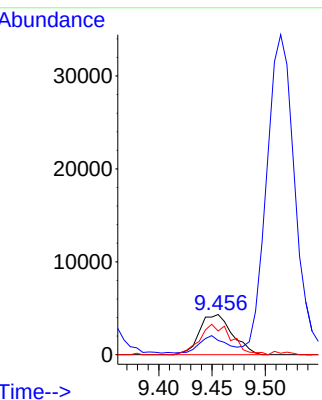
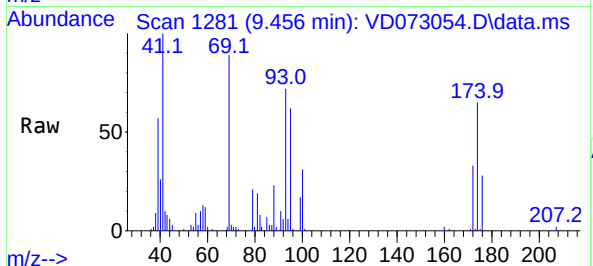
#49
1,4-Dioxane
Concen: 396.158 ug/l
RT: 9.456 min Scan# 1281
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 88 Resp: 923
Ion Ratio Lower Upper
88 100
43 40.7 31.0 46.4
58 73.6 58.1 87.1

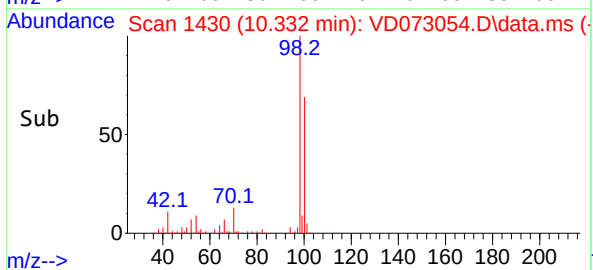
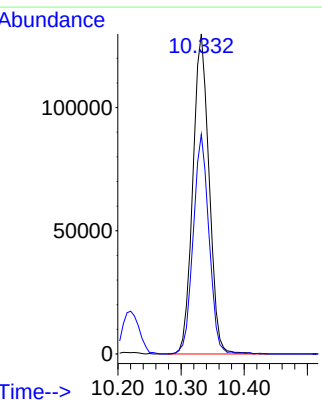
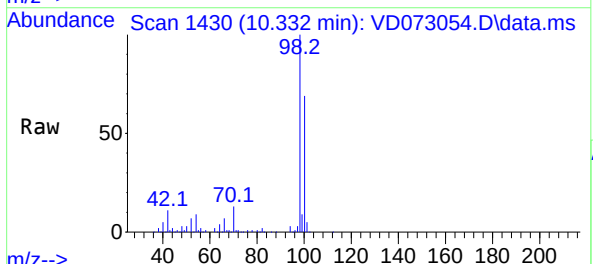
Manual Integrations
APPROVED

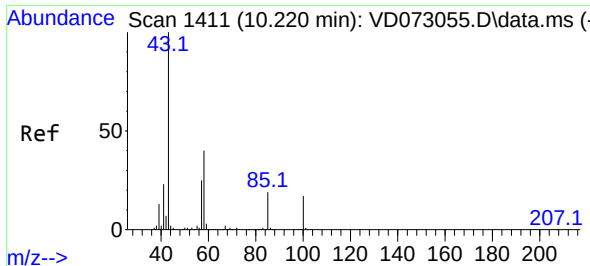
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#50
Toluene-d8
Concen: 19.129 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

Tgt Ion: 98 Resp: 232300
Ion Ratio Lower Upper
98 100
100 66.8 52.4 78.6





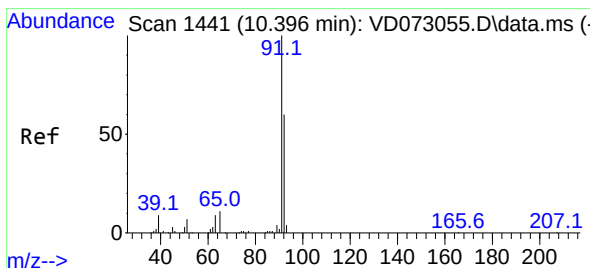
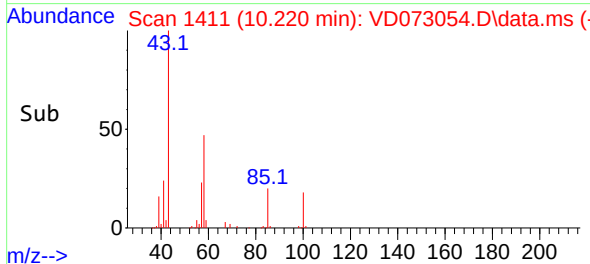
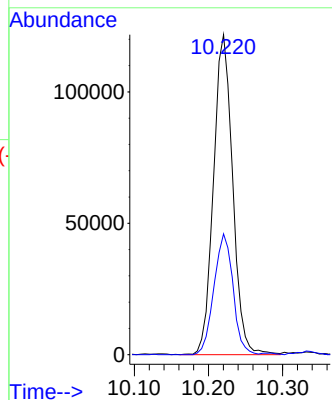
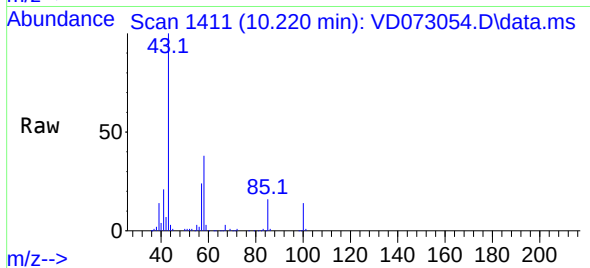
#51
4-Methyl-2-Pentanone
Concen: 98.583 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 21910
Ion Ratio Lower Upper
43 100
58 37.5 28.6 43.0

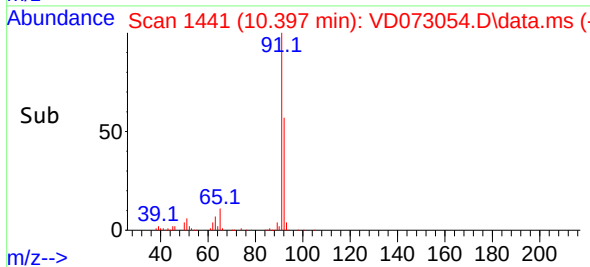
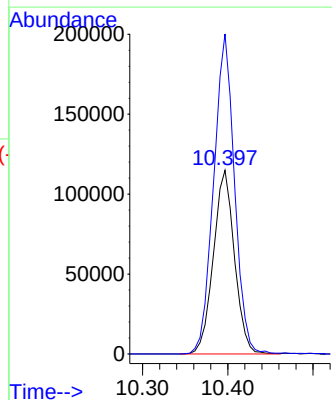
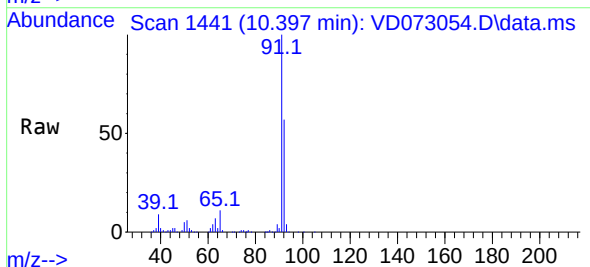
Manual Integrations
APPROVED

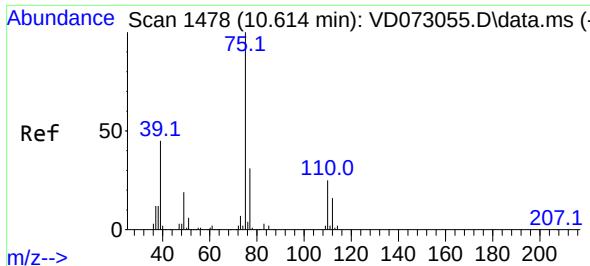
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#52
Toluene
Concen: 19.929 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

Tgt Ion: 92 Resp: 197328
Ion Ratio Lower Upper
92 100
91 172.6 139.6 209.4





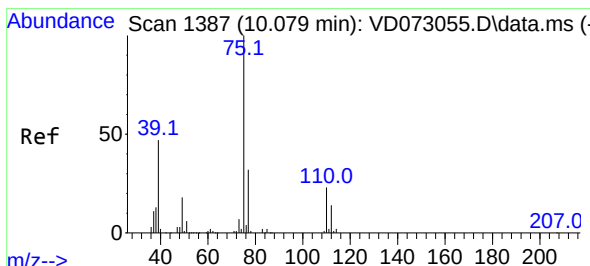
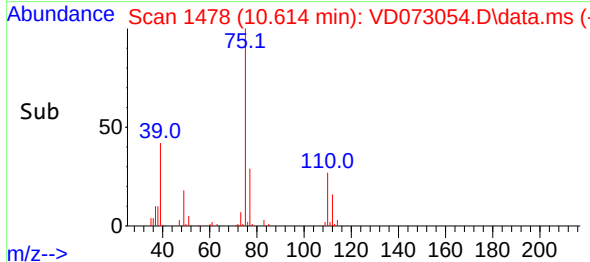
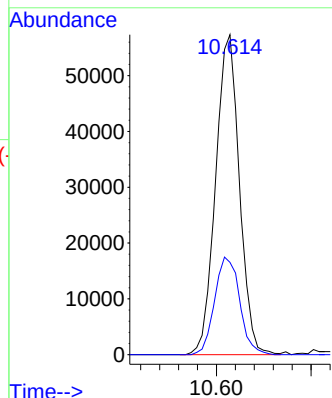
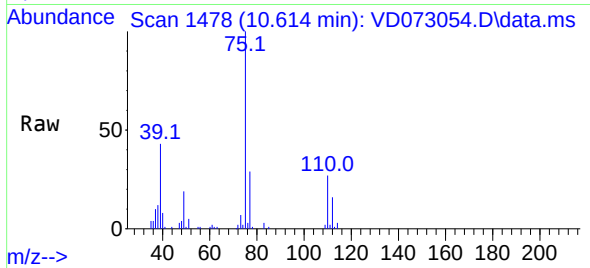
#53
 t-1,3-Dichloropropene
 Concen: 19.306 ug/l
 RT: 10.614 min Scan# 1478
 Delta R.T. 0.000 min
 Lab File: VD073054.D
 Acq: 17 May 2022 11:15

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Tgt Ion: 75 Resp: 10015
 Ion Ratio Lower Upper
 75 100
 77 28.9 24.5 36.7

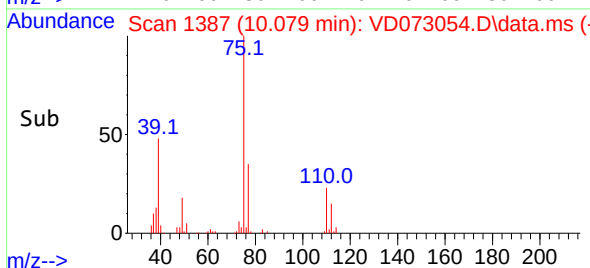
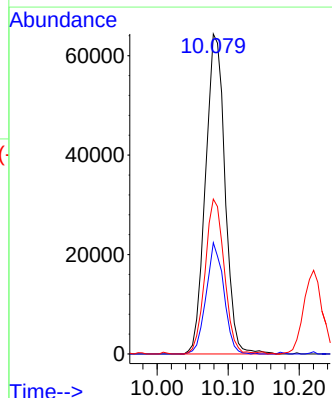
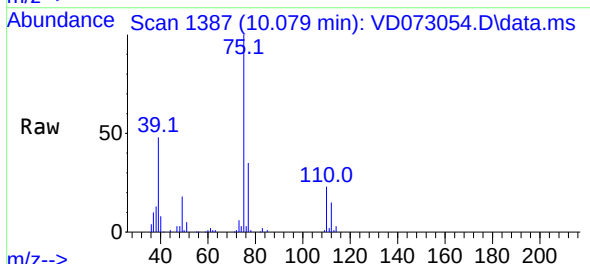
Manual Integrations
 APPROVED

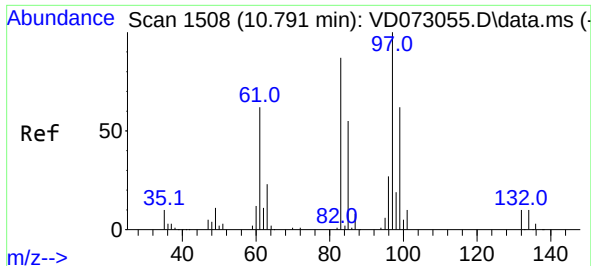
Reviewed By :John Carlone 05/18/2022
 Supervised By :Mahesh Dadoda 05/18/2022



#54
 cis-1,3-Dichloropropene
 Concen: 20.102 ug/l
 RT: 10.079 min Scan# 1387
 Delta R.T. 0.000 min
 Lab File: VD073054.D
 Acq: 17 May 2022 11:15

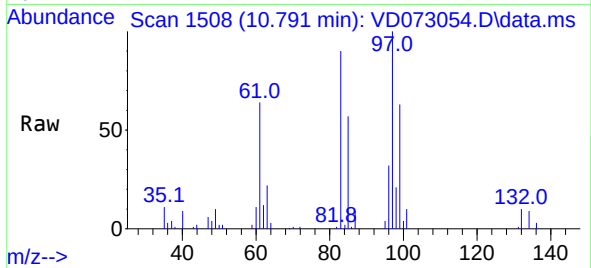
Tgt Ion: 75 Resp: 122954
 Ion Ratio Lower Upper
 75 100
 77 34.8 24.8 37.2
 39 48.4 46.8 70.2





#55
1,1,2-Trichloroethane
Concen: 19.944 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

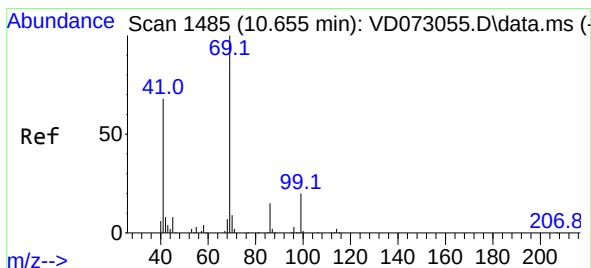
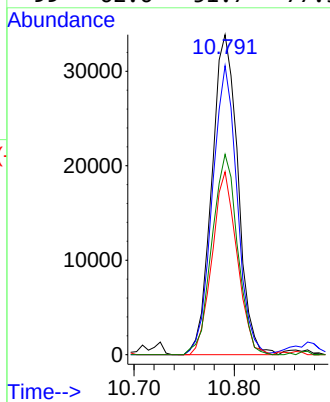
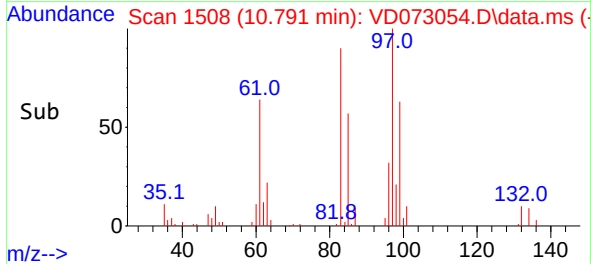
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



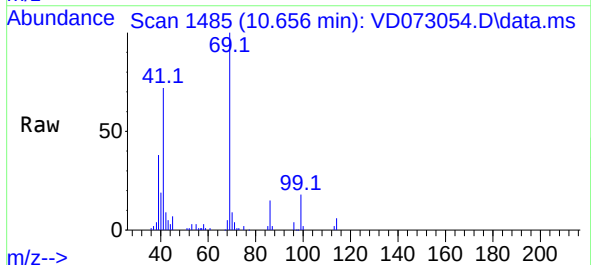
Tgt Ion:	97	Resp:	6096
Ion Ratio	100	Lower	Upper
97	100		
83	90.3	69.0	103.4
85	57.1	42.6	63.8
99	62.6	51.7	77.5

Manual Integrations
APPROVED

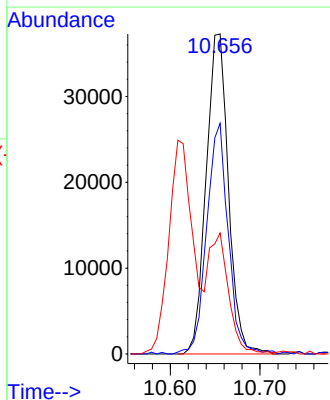
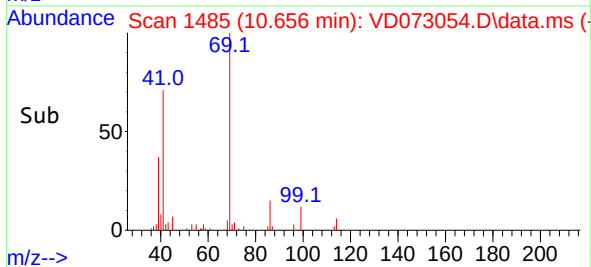
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

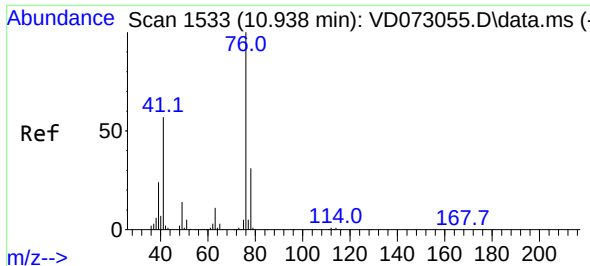


#56
Ethyl methacrylate
Concen: 18.604 ug/l
RT: 10.656 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15



Tgt Ion:	69	Resp:	64317
Ion Ratio	100	Lower	Upper
69	100		
41	69.9	63.0	94.6
39	32.2	33.8	50.8





#57

1,3-Dichloropropane

Concen: 19.740 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VD073054.D

Acq: 17 May 2022 11:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion: 76 Resp: 102674

Ion Ratio Lower Upper

76 100

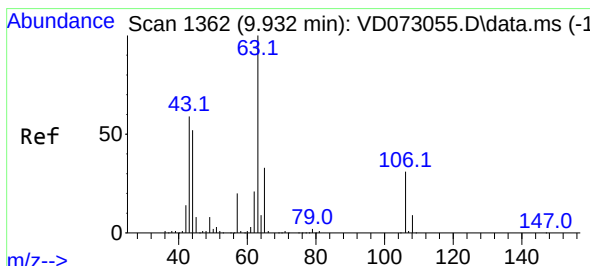
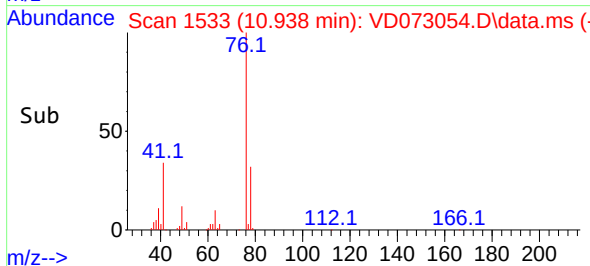
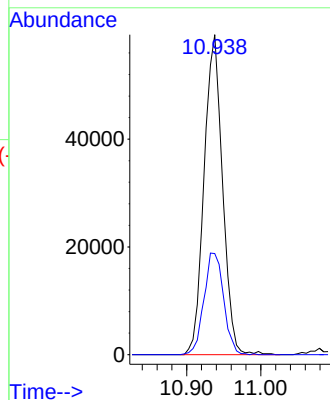
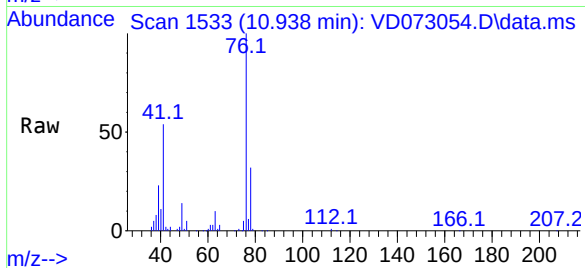
78 33.9 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#58

2-Chloroethyl Vinyl ether

Concen: 90.416 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VD073054.D

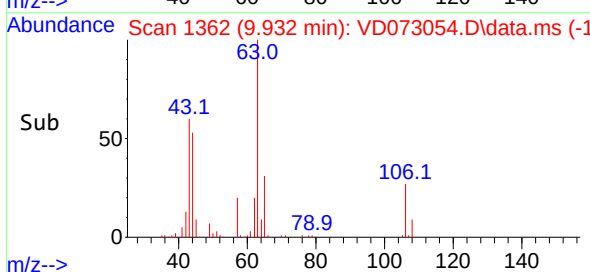
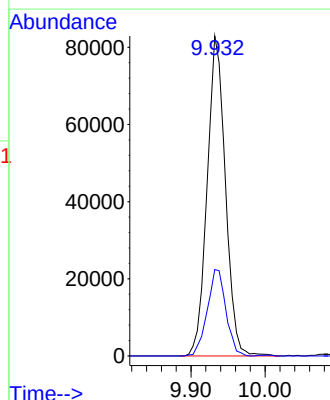
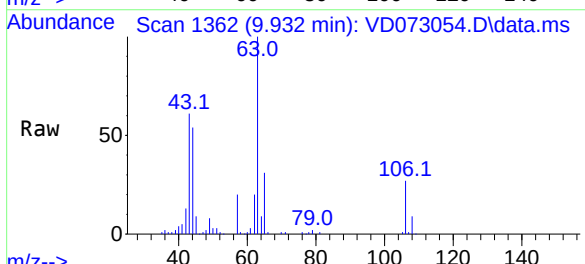
Acq: 17 May 2022 11:15

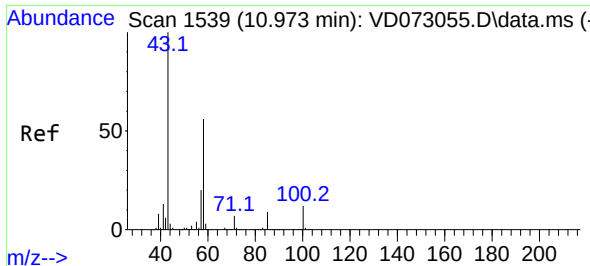
Tgt Ion: 63 Resp: 141891

Ion Ratio Lower Upper

63 100

106 27.6 21.4 32.0





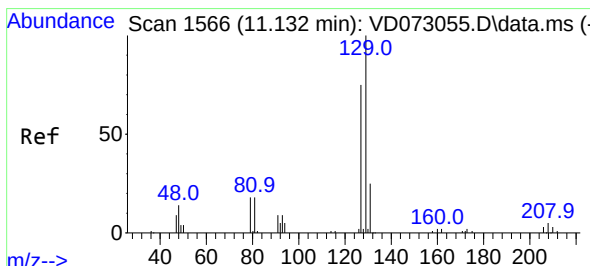
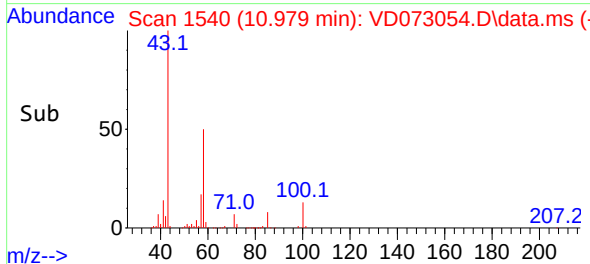
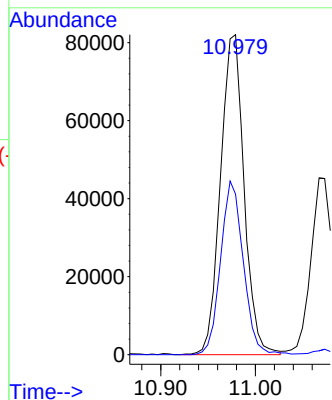
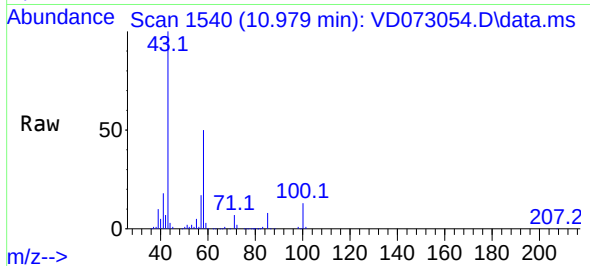
#59
2-Hexanone
Concen: 96.829 ug/l
RT: 10.979 min Scan# 1539
Delta R.T. 0.006 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 14216
Ion Ratio Lower Upper
43 100
58 52.3 25.3 75.9

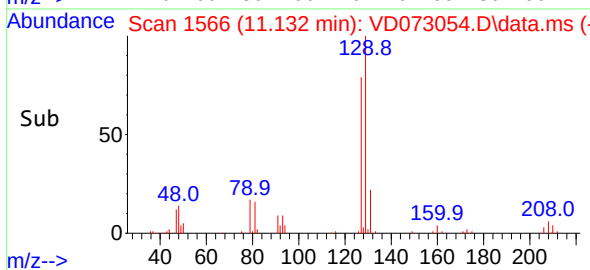
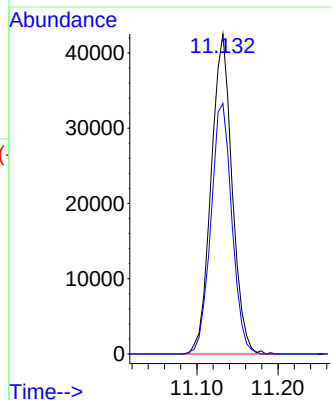
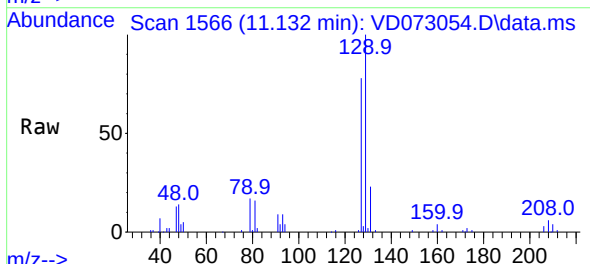
Manual Integrations
APPROVED

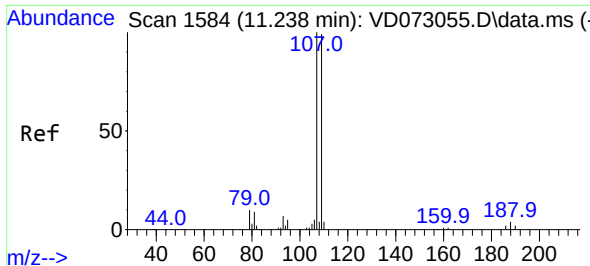
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#60
Dibromochloromethane
Concen: 20.076 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

Tgt Ion:129 Resp: 76246
Ion Ratio Lower Upper
129 100
127 78.5 39.2 117.6





#61
1,2-Dibromoethane
Concen: 19.664 ug/l
RT: 11.238 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

Instrument :

MSVOA_D

ClientSampleId :

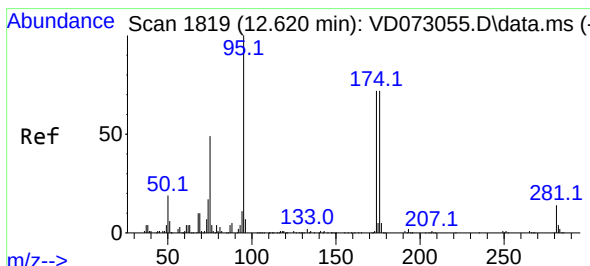
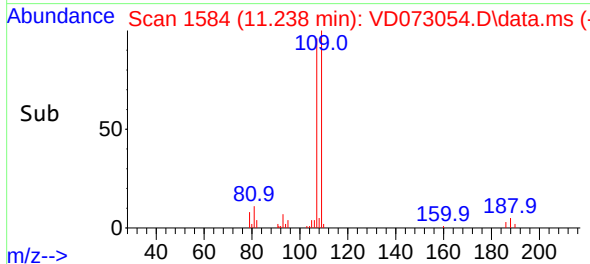
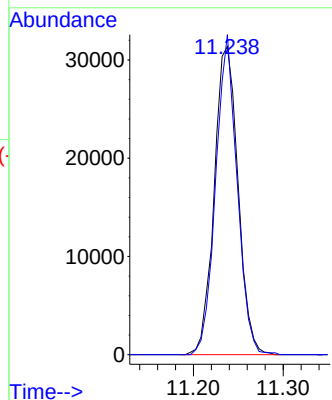
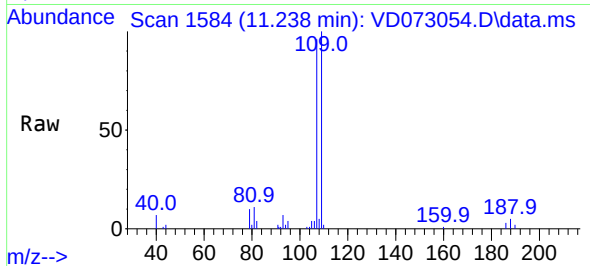
VSTDICC020

Tgt Ion:107 Resp: 5784
Ion Ratio Lower Upper
107 100
109 93.2 74.2 111.4

Manual Integrations

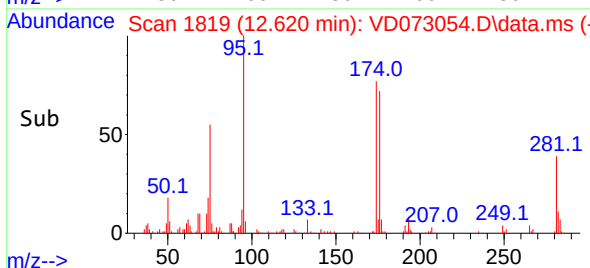
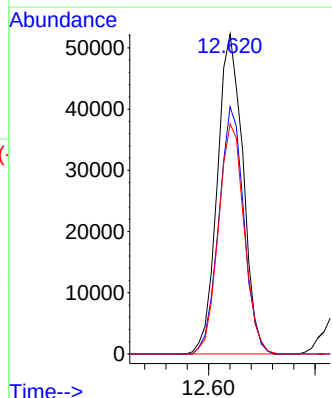
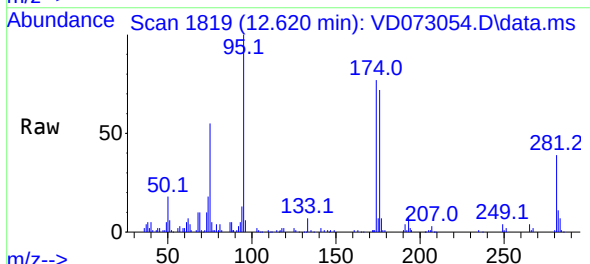
APPROVED

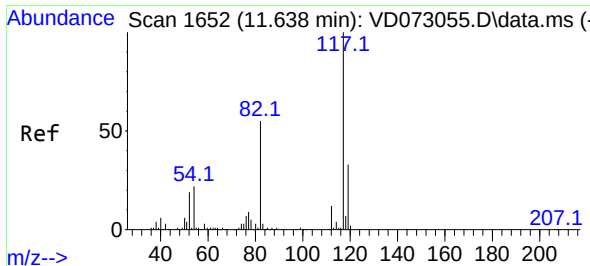
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#62
4-Bromofluorobenzene
Concen: 19.774 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

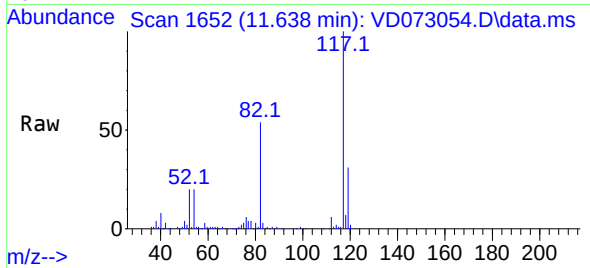
Tgt Ion: 95 Resp: 86976
Ion Ratio Lower Upper
95 100
174 75.7 0.0 152.8
176 72.3 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

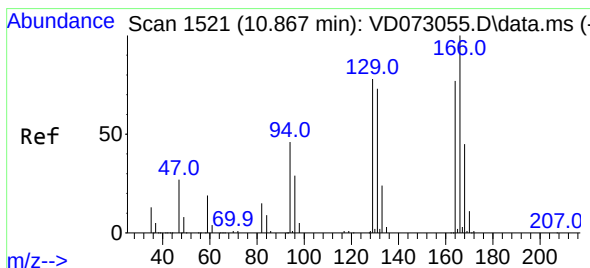
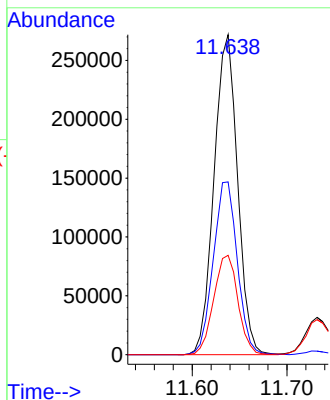
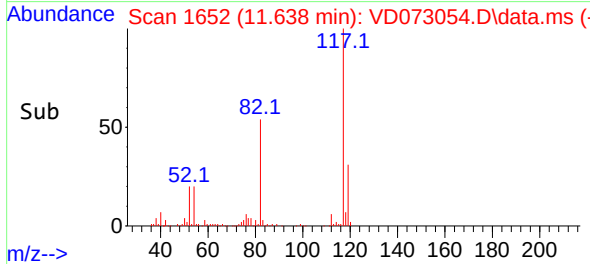
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



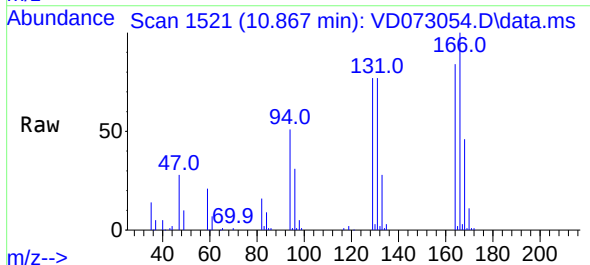
Tgt Ion:117 Resp: 46858
Ion Ratio Lower Upper
117 100
82 54.0 45.3 67.9
119 31.1 26.6 40.0

Manual Integrations
APPROVED

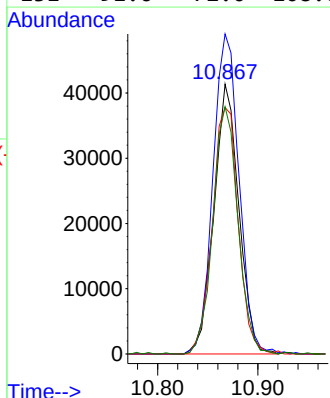
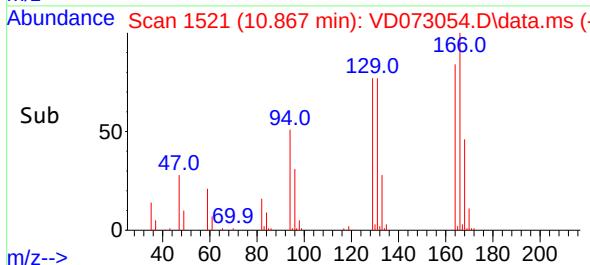
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

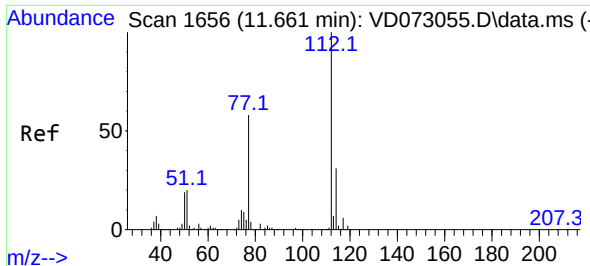


#64
Tetrachloroethene
Concen: 20.793 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15



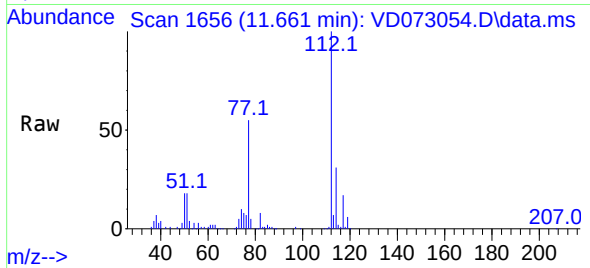
Tgt Ion:164 Resp: 71384
Ion Ratio Lower Upper
164 100
166 118.6 98.5 147.7
129 91.3 74.6 111.8
131 91.6 72.0 108.0





#65
Chlorobenzene
Concen: 20.149 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

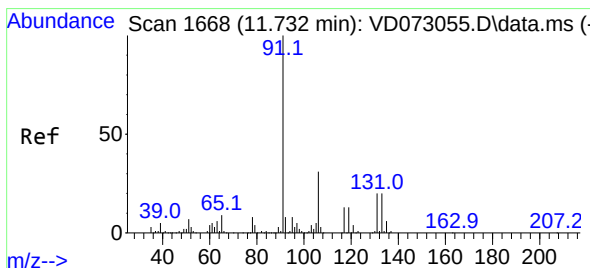
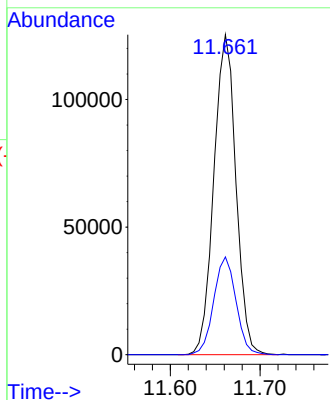
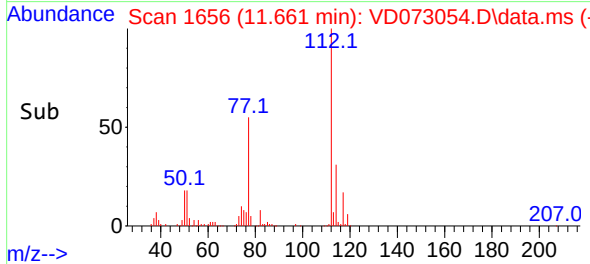
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



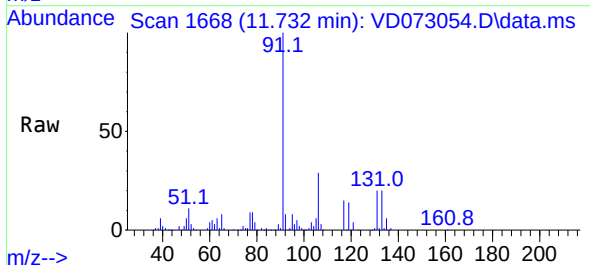
Tgt Ion:112 Resp: 21408
Ion Ratio Lower Upper
112 100
114 30.6 25.8 38.6

Manual Integrations
APPROVED

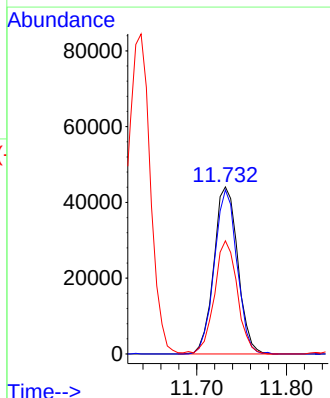
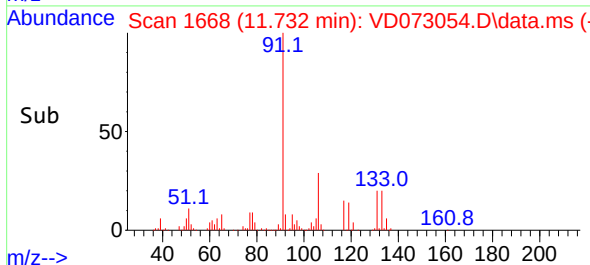
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

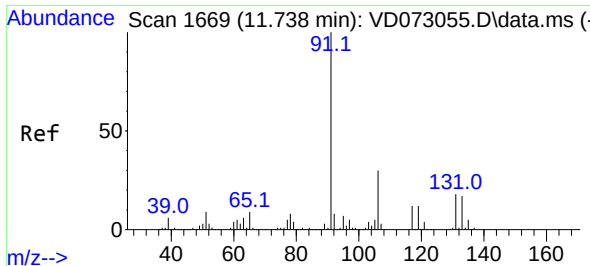


#66
1,1,1,2-Tetrachloroethane
Concen: 20.136 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15



Tgt Ion:131 Resp: 81725
Ion Ratio Lower Upper
131 100
133 93.0 48.1 144.3
119 64.9 31.9 95.9





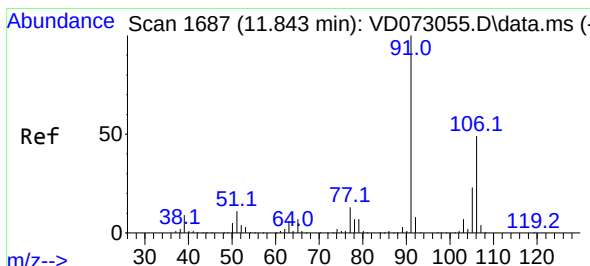
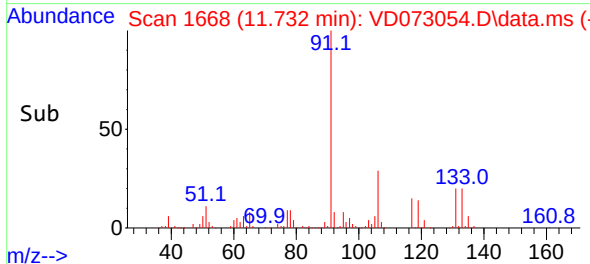
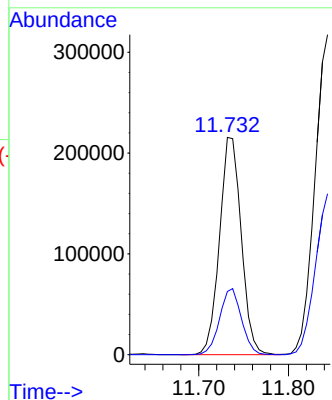
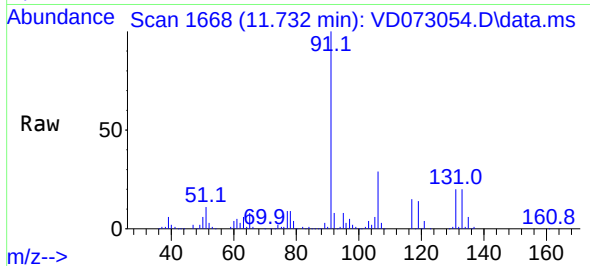
#67
Ethyl Benzene
Concen: 19.602 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 362623
Ion Ratio Lower Upper
91 100
106 29.1 24.2 36.4

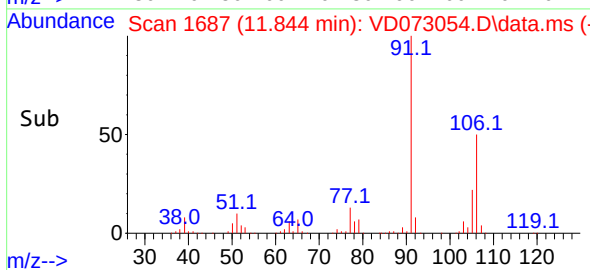
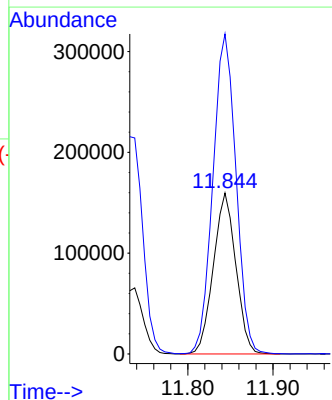
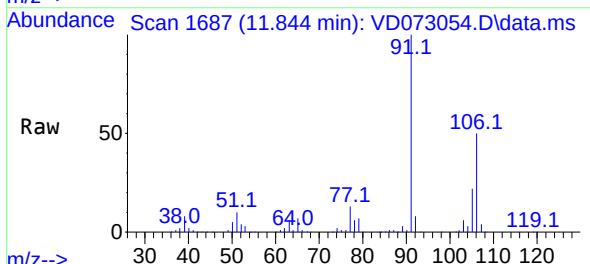
Manual Integrations
APPROVED

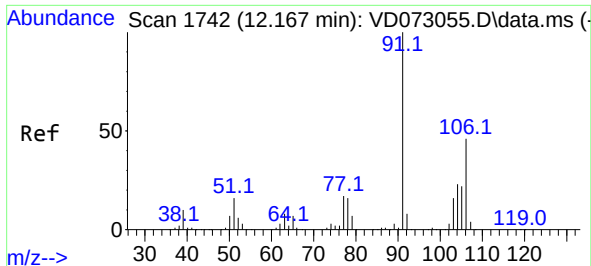
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#68
m/p-Xylenes
Concen: 40.797 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

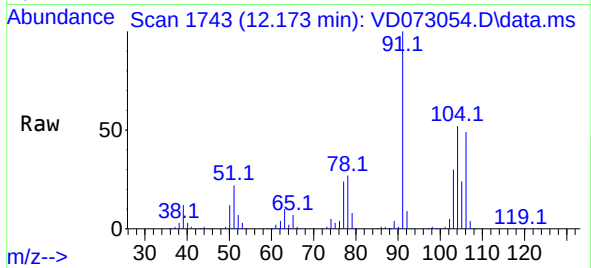
Tgt Ion:106 Resp: 292507
Ion Ratio Lower Upper
106 100
91 204.1 163.7 245.5





#69
o-Xylene
Concen: 20.137 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.006 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

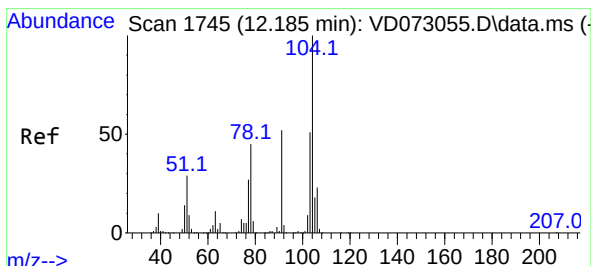
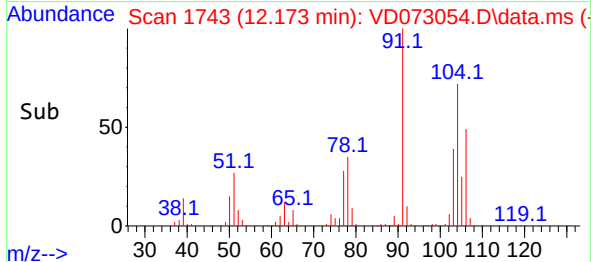
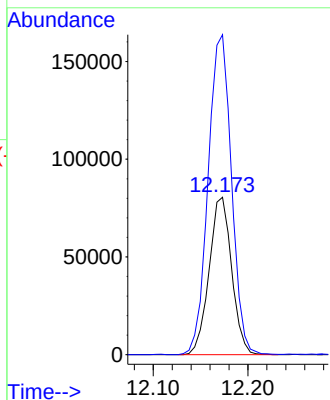
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion:106 Resp: 133144
Ion Ratio Lower Upper
106 100
91 210.6 110.4 331.2

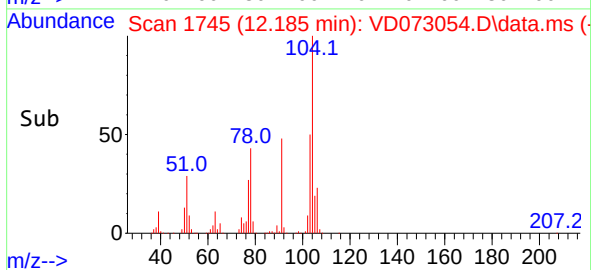
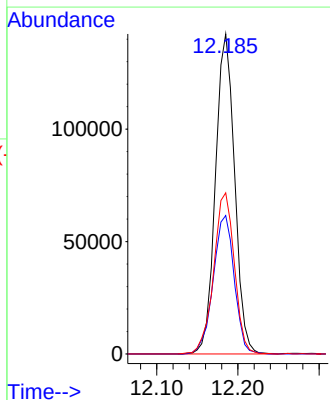
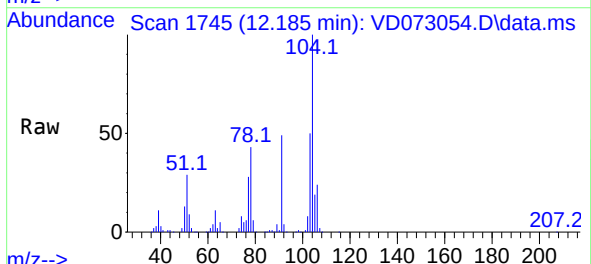
Manual Integrations
APPROVED

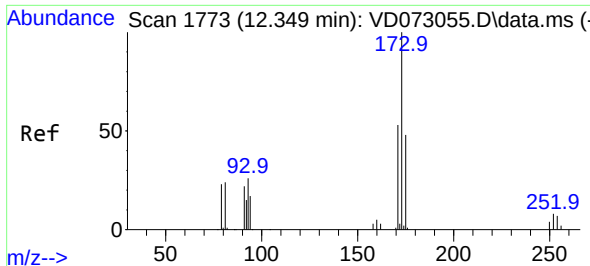
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#70
Styrene
Concen: 20.255 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

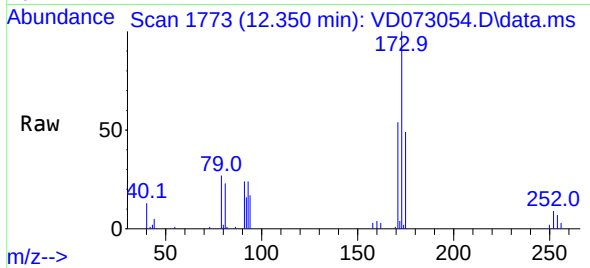
Tgt Ion:104 Resp: 233924
Ion Ratio Lower Upper
104 100
78 47.5 41.8 62.8
103 54.4 44.2 66.4





#71
Bromoform
Concen: 19.722 ug/l
RT: 12.350 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

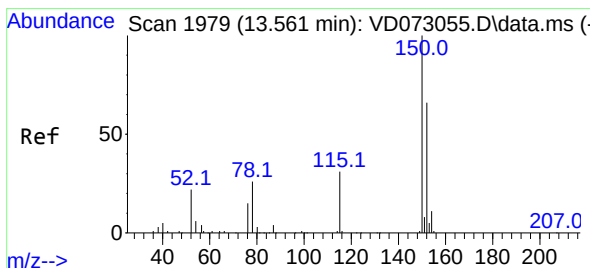
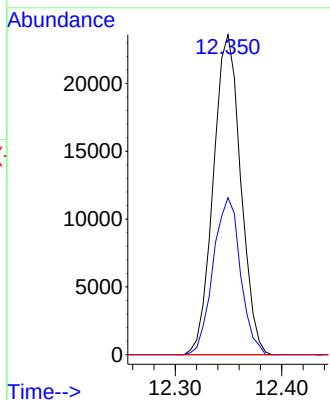
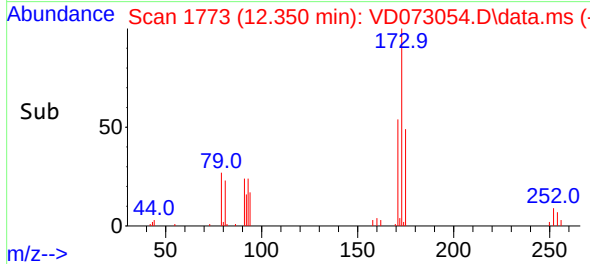
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



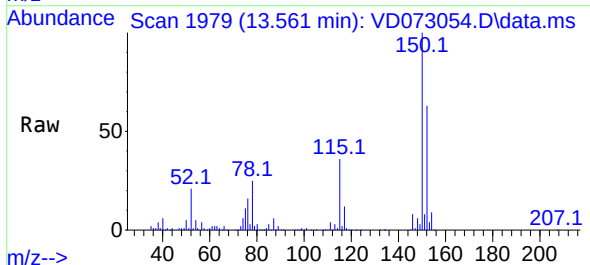
Tgt Ion:173 Resp: 42144
Ion Ratio Lower Upper
173 100
175 48.9 23.9 71.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

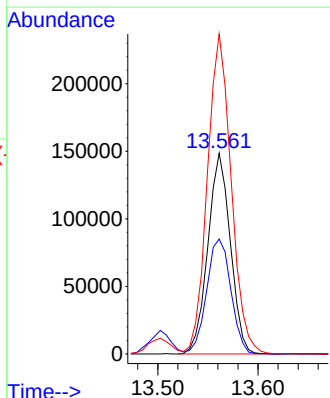
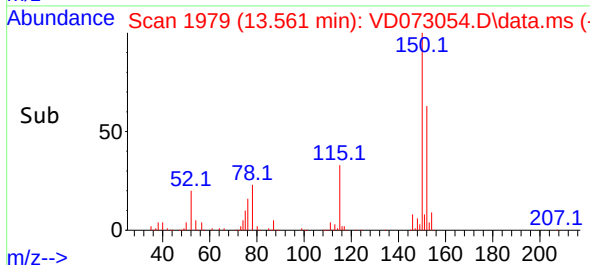
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

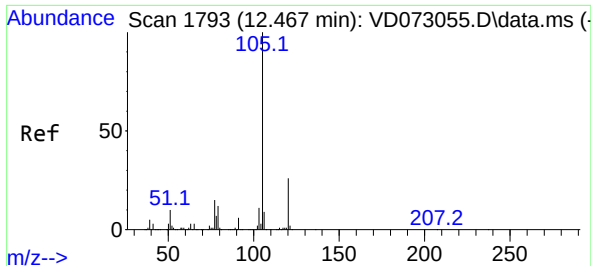


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15



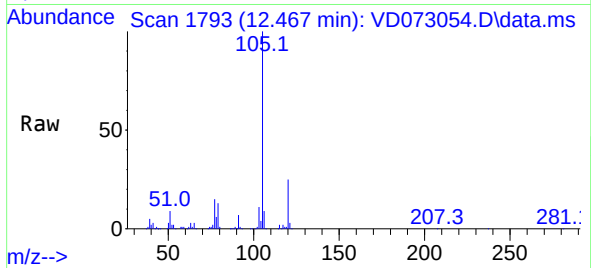
Tgt Ion:152 Resp: 232073
Ion Ratio Lower Upper
152 100
115 61.5 31.3 93.8
150 168.6 0.0 348.6





#73
Isopropylbenzene
Concen: 19.572 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

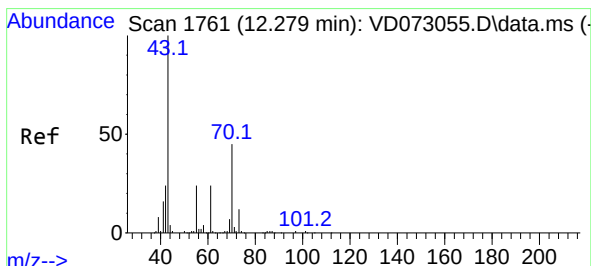
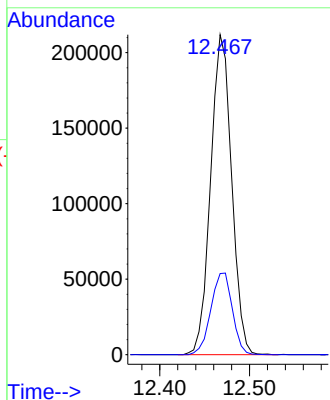
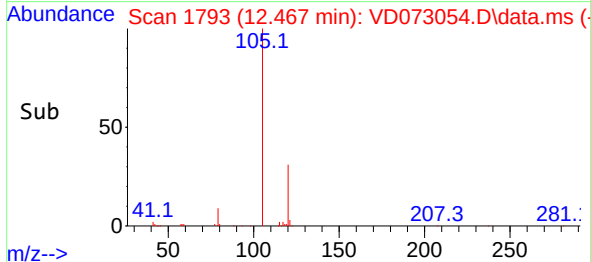
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



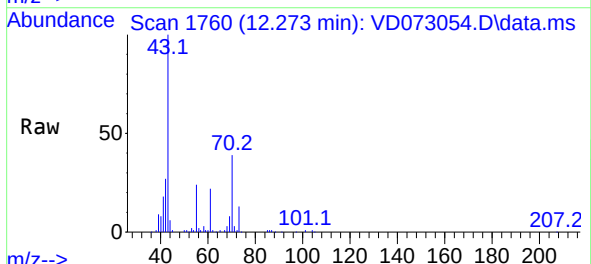
Tgt Ion:105 Resp: 344298
Ion Ratio Lower Upper
105 100
120 26.1 13.0 38.9

Manual Integrations
APPROVED

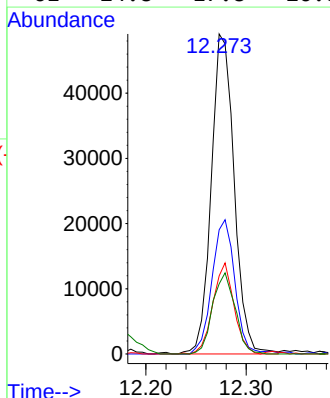
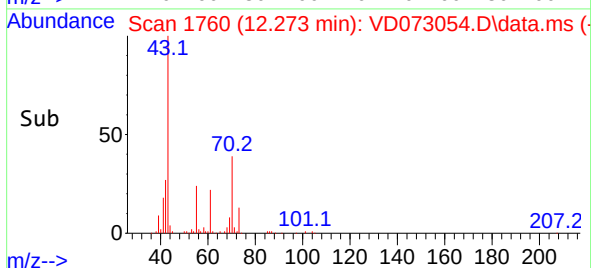
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

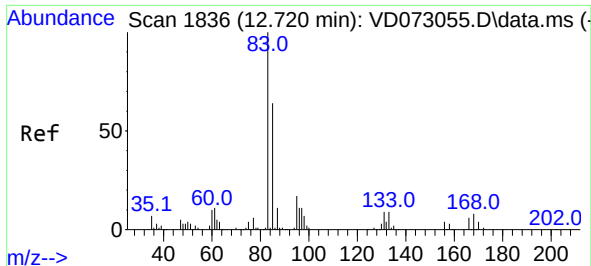


#74
N-ethyl acetate
Concen: 18.959 ug/l
RT: 12.273 min Scan# 1760
Delta R.T. -0.006 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15



Tgt Ion: 43 Resp: 77941
Ion Ratio Lower Upper
43 100
70 42.3 31.3 46.9
55 26.2 20.0 30.0
61 24.8 17.8 26.8





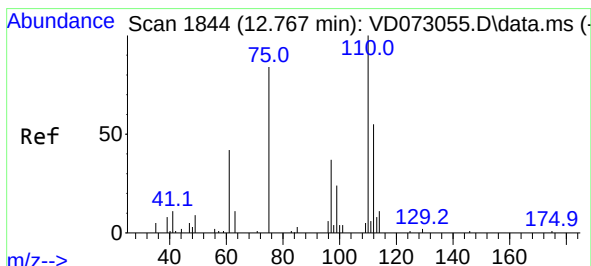
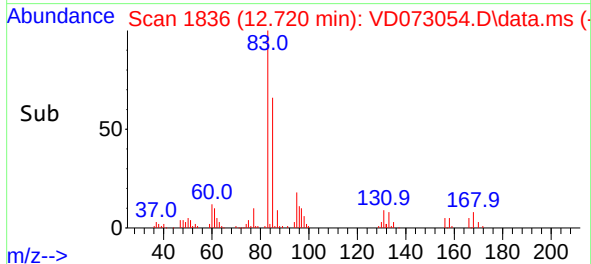
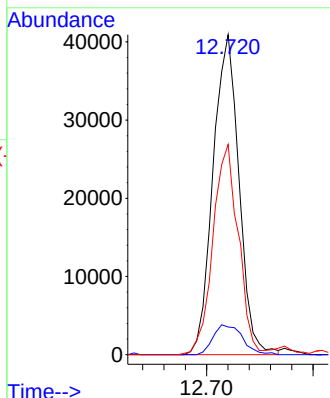
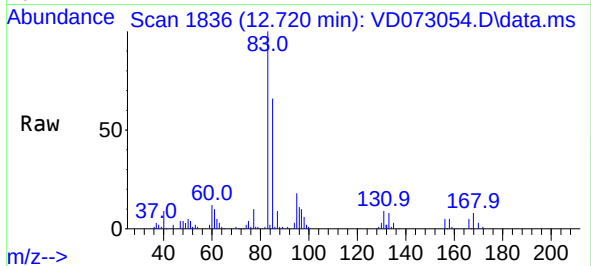
#75
1,1,2,2-Tetrachloroethane
Concen: 19.957 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 69209
Ion Ratio Lower Upper
83 100
131 10.5 5.0 14.9
85 64.3 32.6 98.0

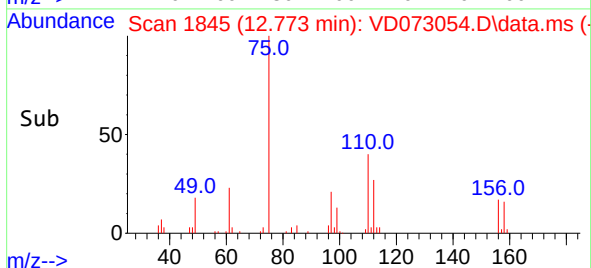
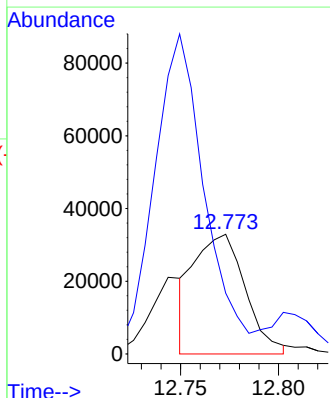
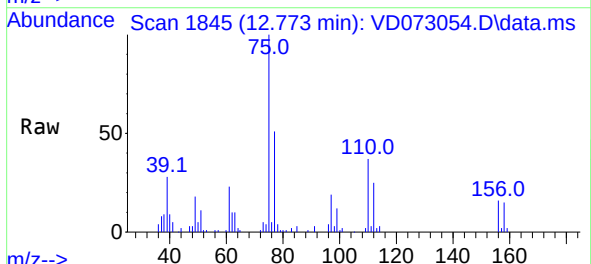
Manual Integrations
APPROVED

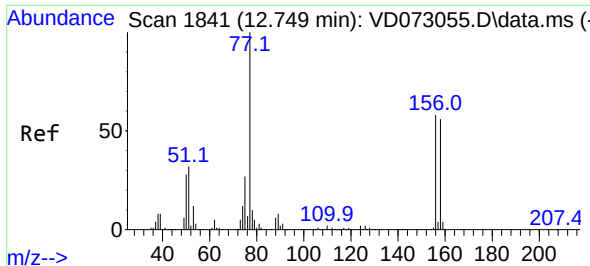
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#76
1,2,3-Trichloropropane
Concen: 22.509 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

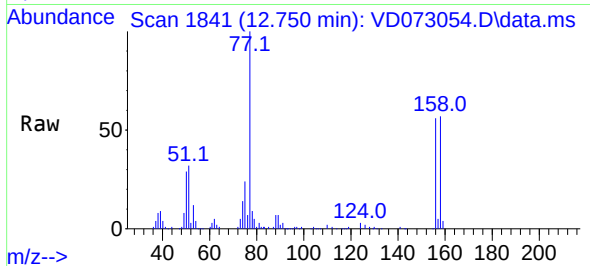
Tgt Ion: 75 Resp: 59759
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 19.732 ug/l
RT: 12.750 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

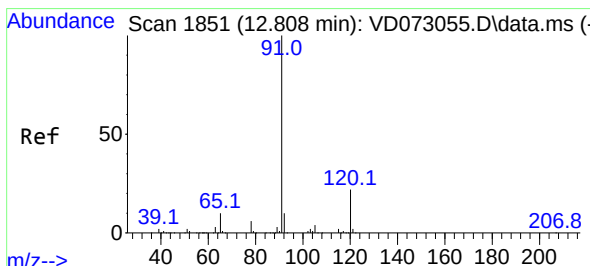
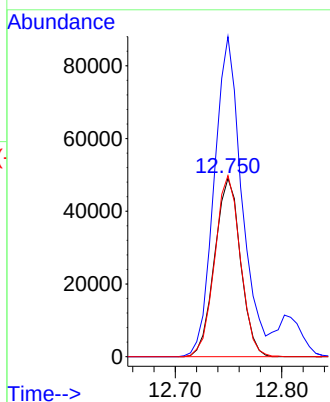
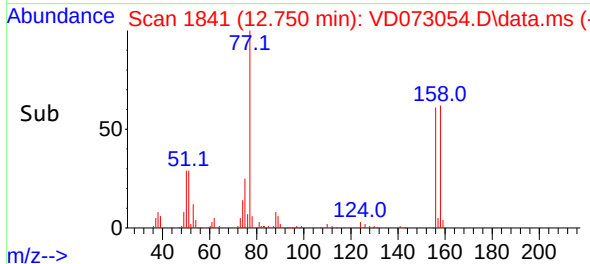
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



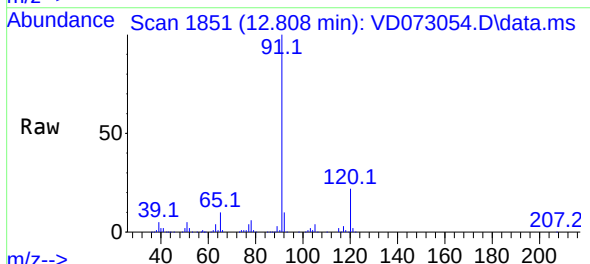
Tgt Ion:156 Resp: 8281
Ion Ratio Lower Upper
156 100
77 190.8 102.8 308.3
158 100.2 48.7 146.1

Manual Integrations
APPROVED

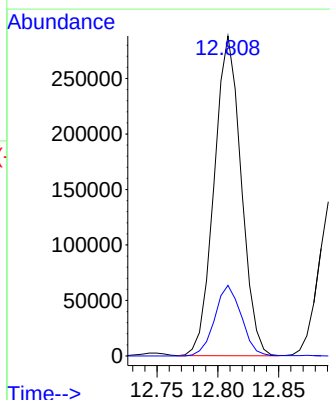
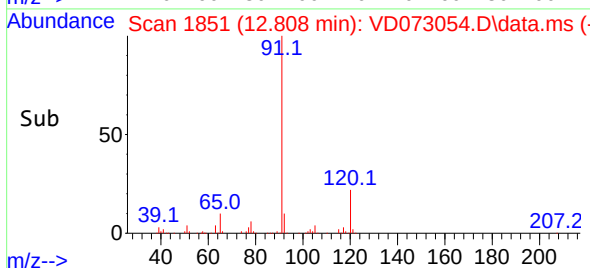
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

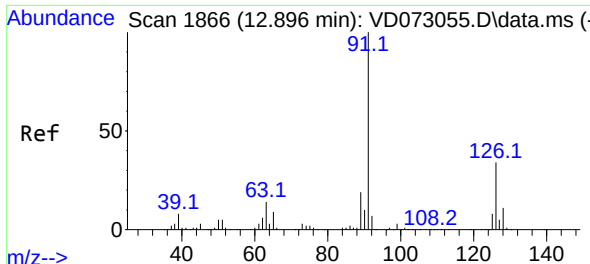


#78
n-propylbenzene
Concen: 20.137 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15



Tgt Ion: 91 Resp: 444845
Ion Ratio Lower Upper
91 100
120 21.7 10.9 32.9





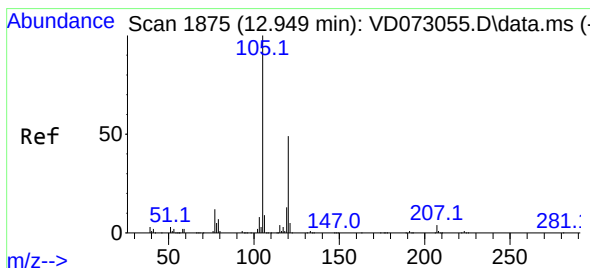
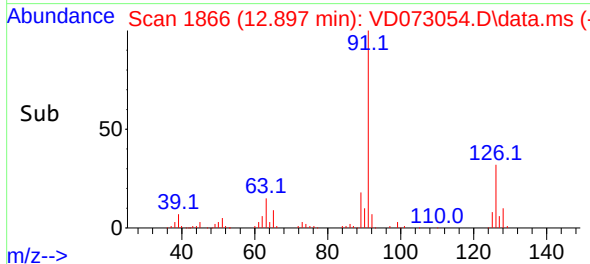
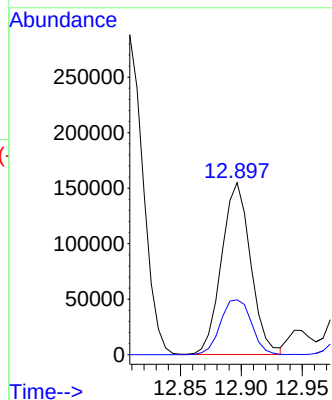
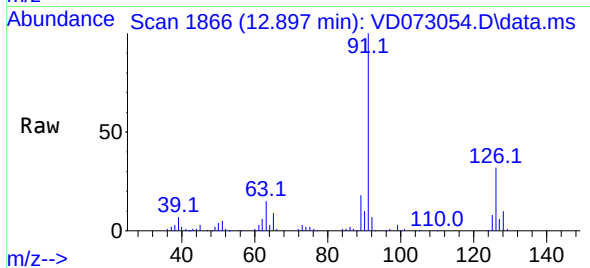
#79
2-Chlorotoluene
Concen: 20.054 ug/l
RT: 12.897 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 258072
Ion Ratio Lower Upper
91 100
126 34.0 16.2 48.6

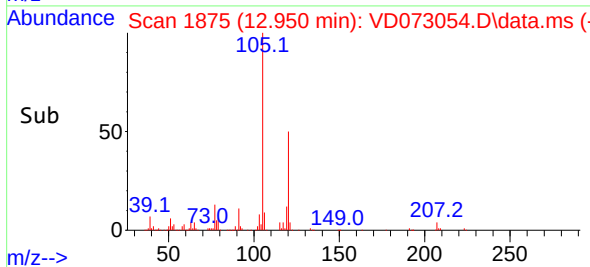
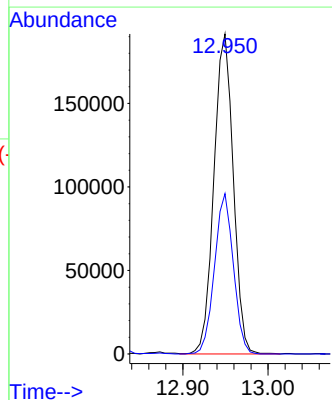
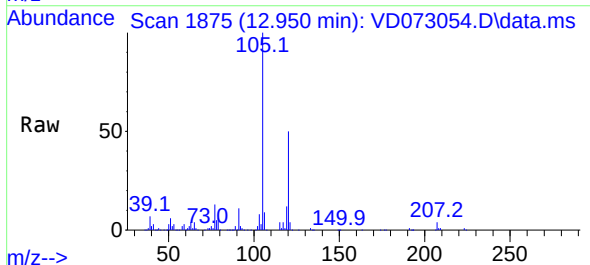
Manual Integrations
APPROVED

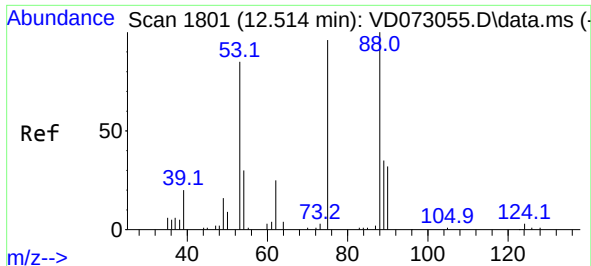
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.254 ug/l
RT: 12.950 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

Tgt Ion:105 Resp: 303523
Ion Ratio Lower Upper
105 100
120 48.7 24.3 72.8





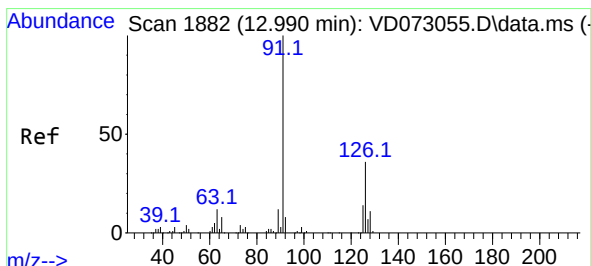
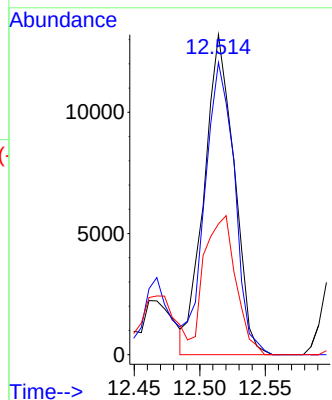
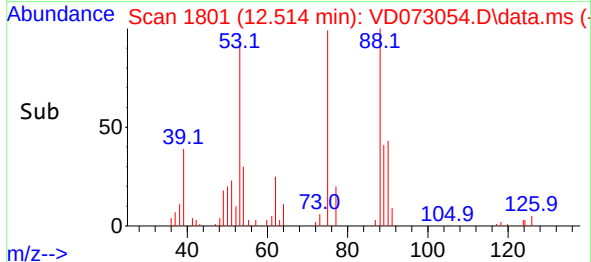
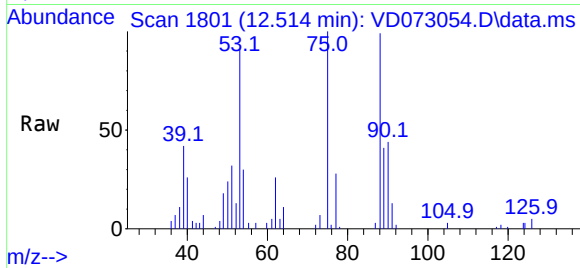
#81
trans-1,4-Dichloro-2-butene
Concen: 19.203 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 21010
Ion Ratio Lower Upper
75 100
53 90.8 86.5 129.7
89 45.7 33.9 50.9

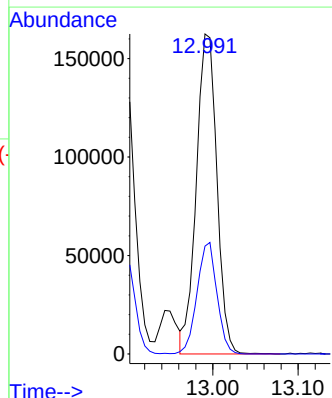
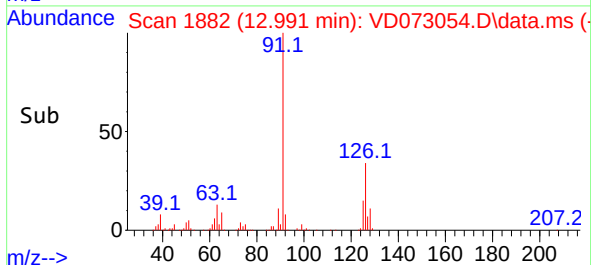
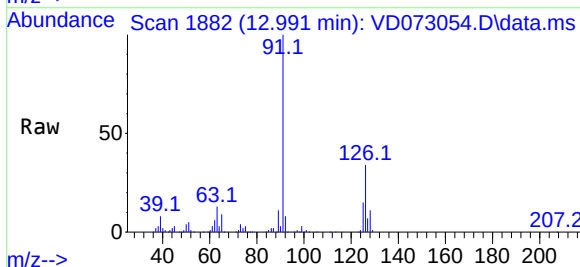
Manual Integrations
APPROVED

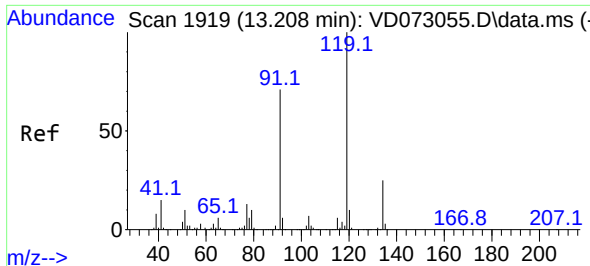
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#82
4-Chlorotoluene
Concen: 19.978 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

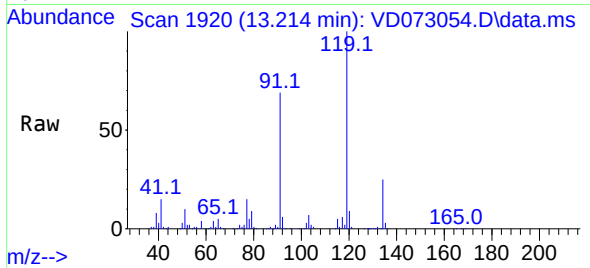
Tgt Ion: 91 Resp: 272103
Ion Ratio Lower Upper
91 100
126 33.7 16.5 49.5





#83
tert-Butylbenzene
Concen: 19.749 ug/l
RT: 13.214 min Scan# 1919
Delta R.T. 0.006 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

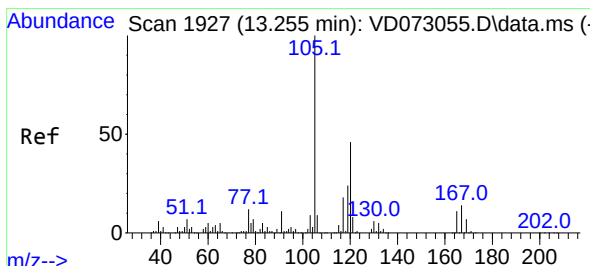
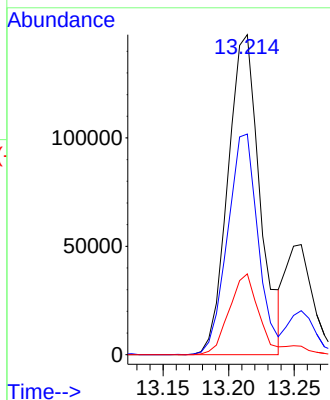
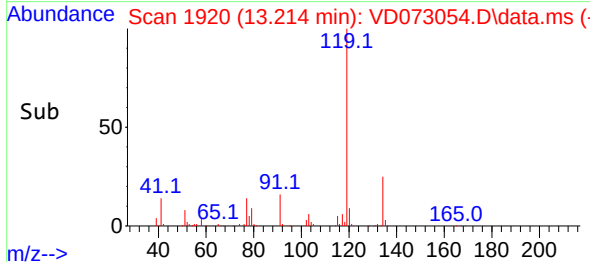
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



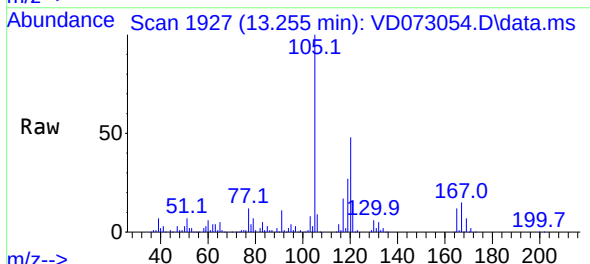
Tgt Ion:119 Resp: 250689
Ion Ratio Lower Upper
119 100
91 65.9 34.8 104.5
134 25.2 13.3 39.9

Manual Integrations
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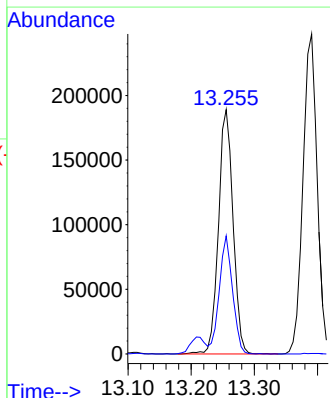
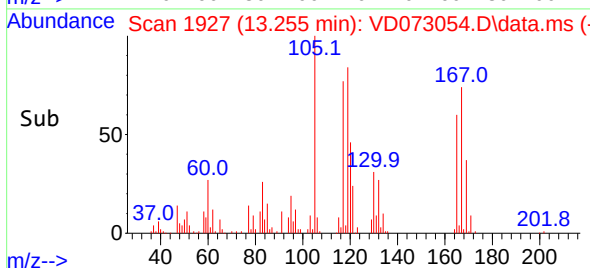
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

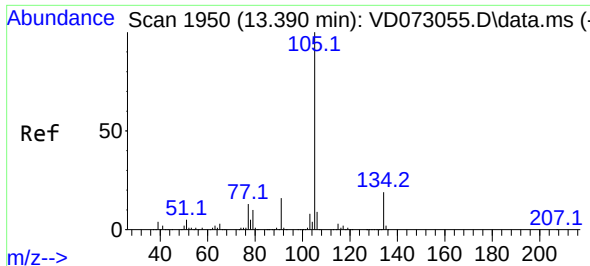


#84
1,2,4-Trimethylbenzene
Concen: 20.349 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15



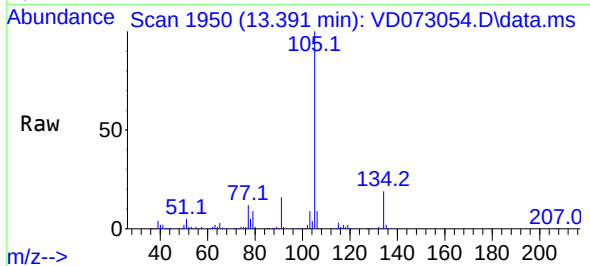
Tgt Ion:105 Resp: 303396
Ion Ratio Lower Upper
105 100
120 44.1 22.3 66.8





#85
 sec-Butylbenzene
 Concen: 19.989 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD073054.D
 Acq: 17 May 2022 11:15

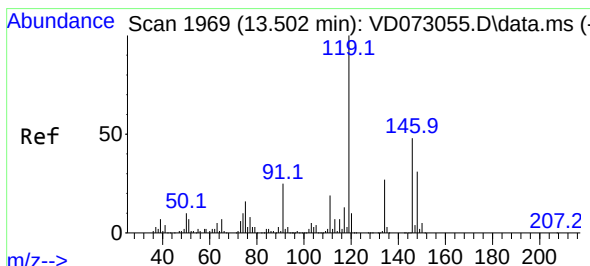
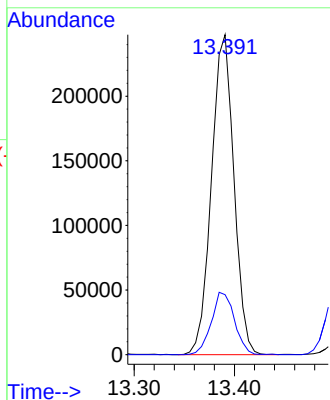
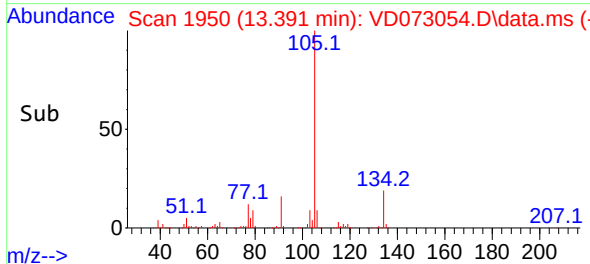
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020



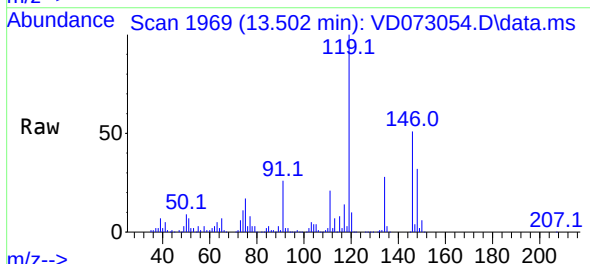
Tgt Ion:105 Resp: 385154
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.3

Manual Integrations
 APPROVED

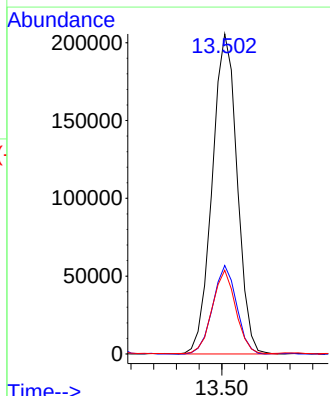
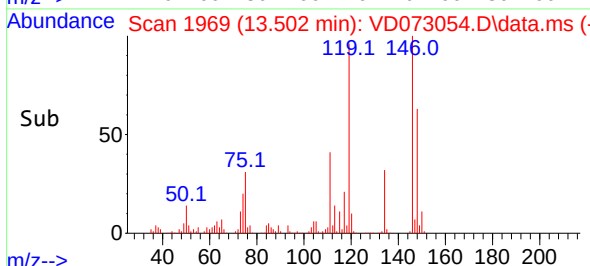
Reviewed By :John Carlone 05/18/2022
 Supervised By :Mahesh Dadoda 05/18/2022

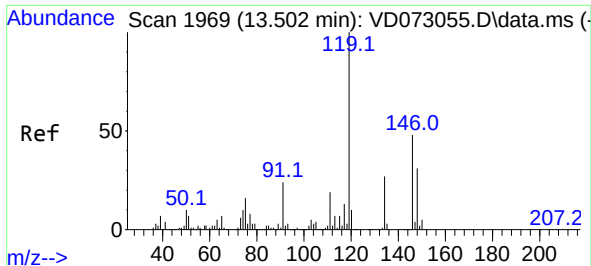


#86
 p-Isopropyltoluene
 Concen: 19.999 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073054.D
 Acq: 17 May 2022 11:15



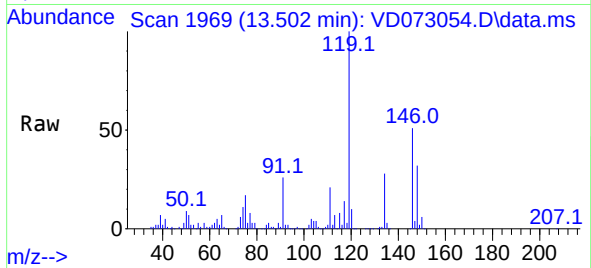
Tgt Ion:119 Resp: 313439
 Ion Ratio Lower Upper
 119 100
 134 26.5 12.9 38.6
 91 24.7 12.1 36.3





#87
1,3-Dichlorobenzene
Concen: 20.154 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

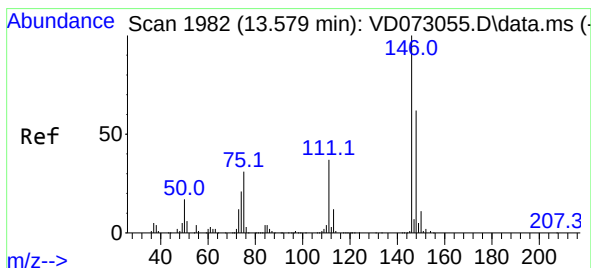
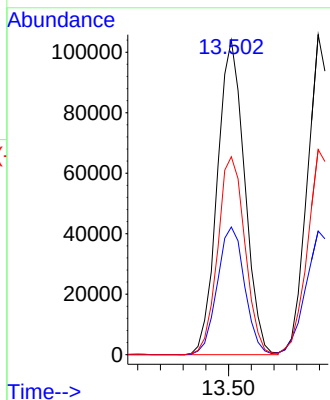
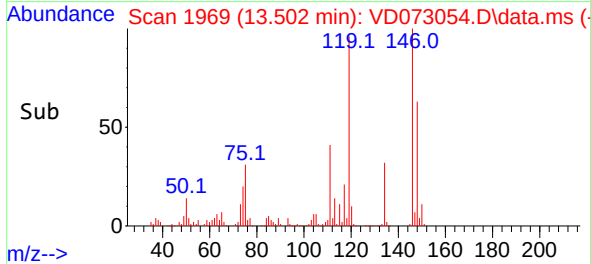
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



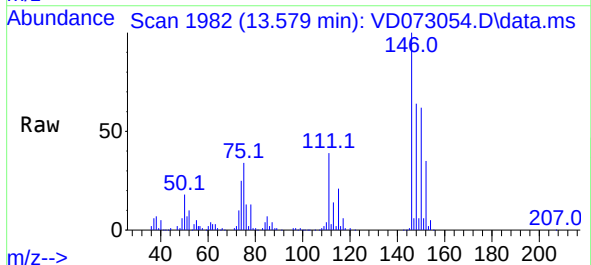
Tgt Ion:146 Resp: 173860
Ion Ratio Lower Upper
146 100
111 40.6 20.4 61.3
148 62.7 31.9 95.7

Manual Integrations
APPROVED

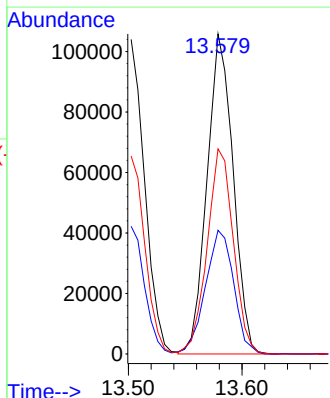
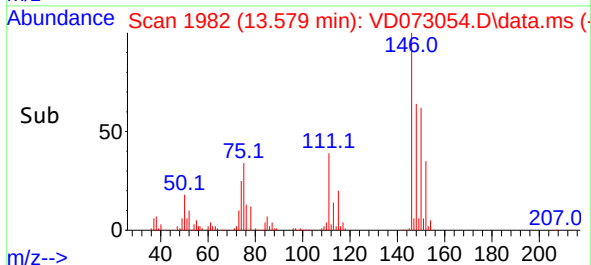
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

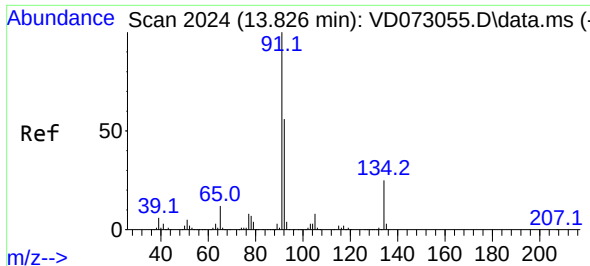


#88
1,4-Dichlorobenzene
Concen: 19.817 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15



Tgt Ion:146 Resp: 168931
Ion Ratio Lower Upper
146 100
111 41.8 20.3 60.9
148 64.5 31.7 95.1





#89
n-Butylbenzene
Concen: 19.853 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

Instrument :

MSVOA_D

ClientSampleId :

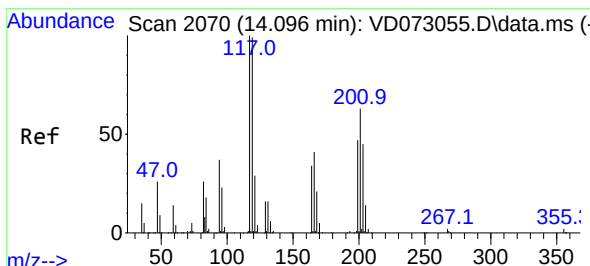
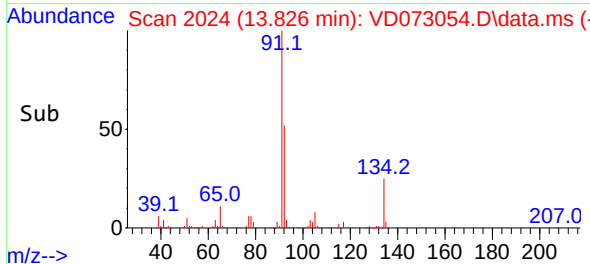
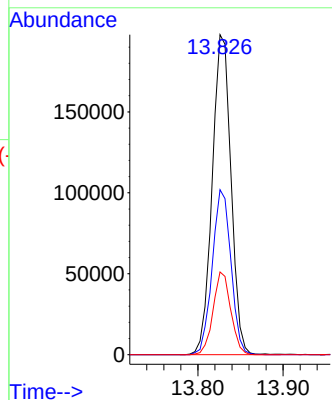
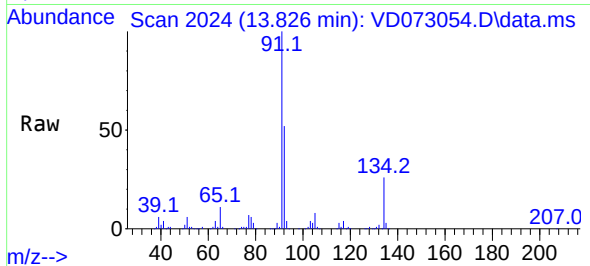
VSTDICC020

Tgt Ion: 91 Resp: 30259
Ion Ratio Lower Upper
91 100
92 51.3 26.6 79.8
134 24.3 12.3 36.9

Manual Integrations

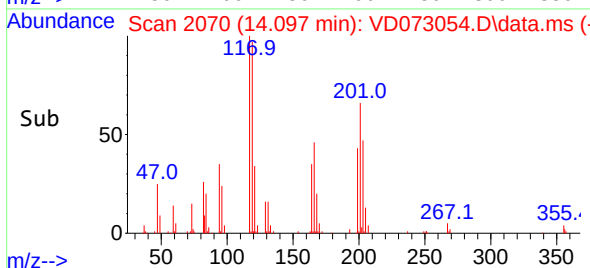
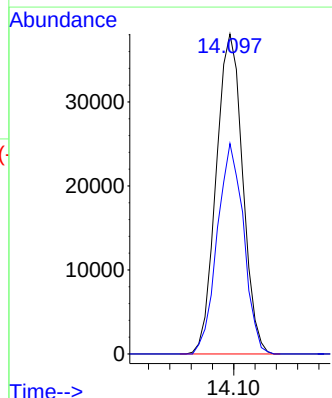
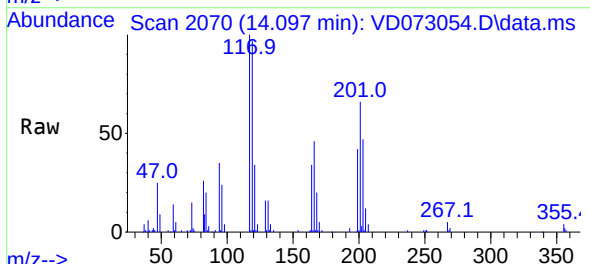
APPROVED

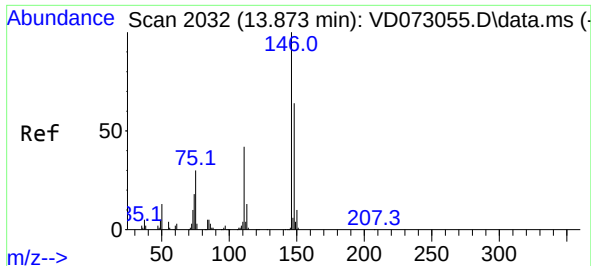
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#90
Hexachloroethane
Concen: 20.183 ug/l
RT: 14.097 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

Tgt Ion:117 Resp: 65729
Ion Ratio Lower Upper
117 100
201 65.5 33.4 100.2





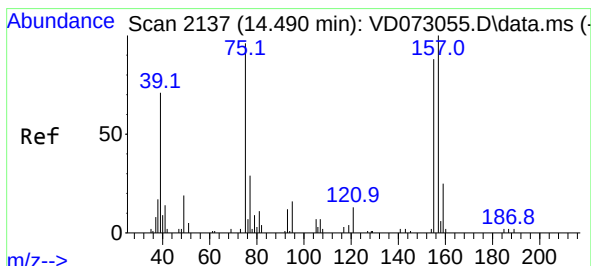
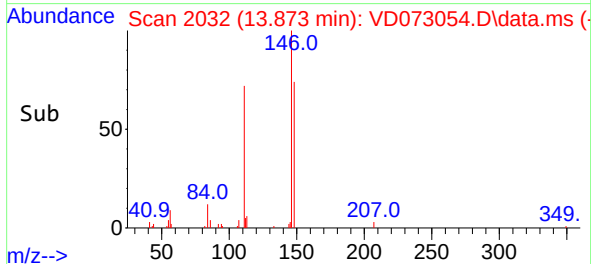
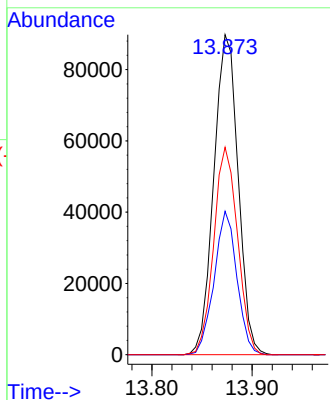
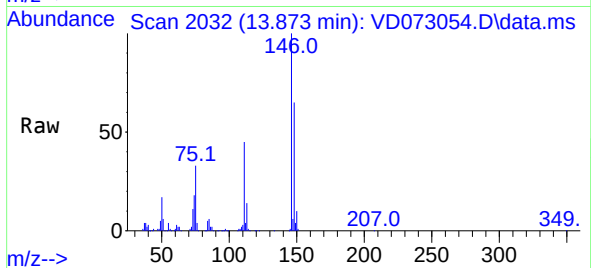
#91
1,2-Dichlorobenzene
Concen: 20.194 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion:146 Resp: 151097
Ion Ratio Lower Upper
146 100
111 42.0 21.1 63.3
148 63.6 31.7 95.1

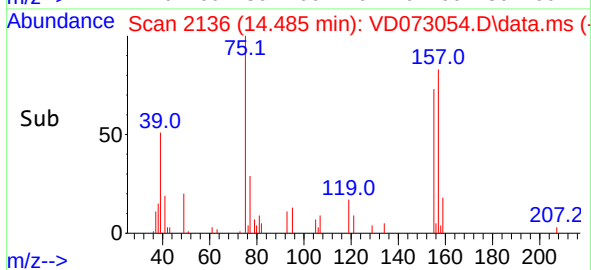
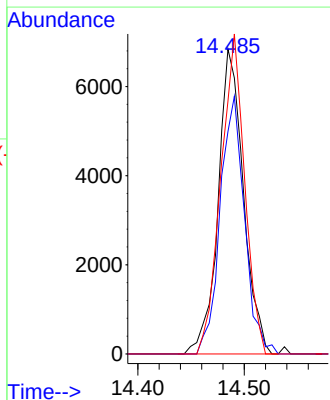
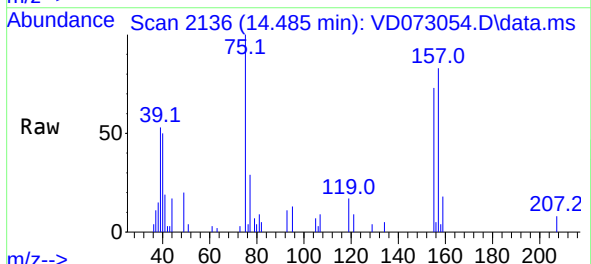
Manual Integrations
APPROVED

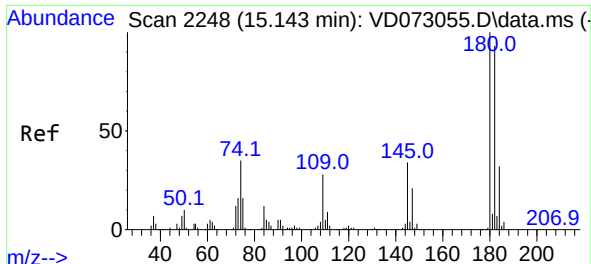
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.942 ug/l
RT: 14.485 min Scan# 2136
Delta R.T. -0.006 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

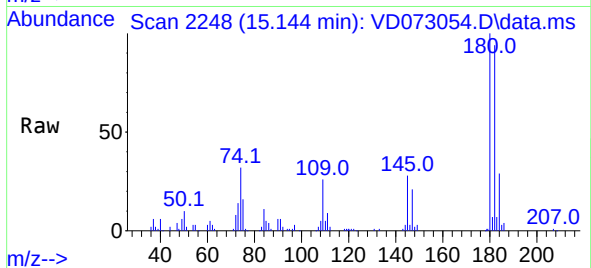
Tgt Ion: 75 Resp: 11289
Ion Ratio Lower Upper
75 100
155 81.2 36.8 110.3
157 98.9 48.4 145.0





#93
1,2,4-Trichlorobenzene
Concen: 20.213 ug/l
RT: 15.144 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

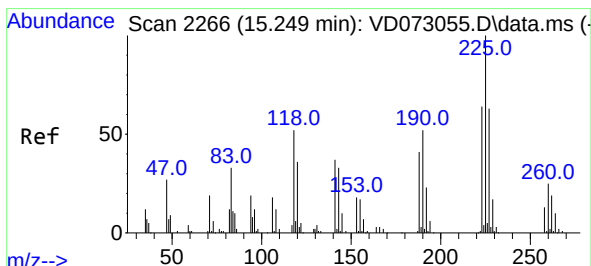
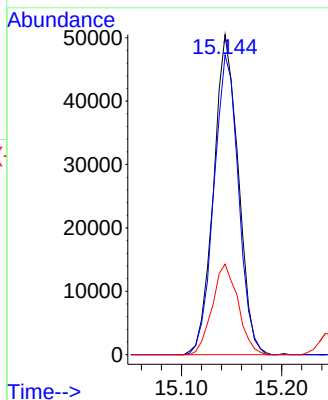
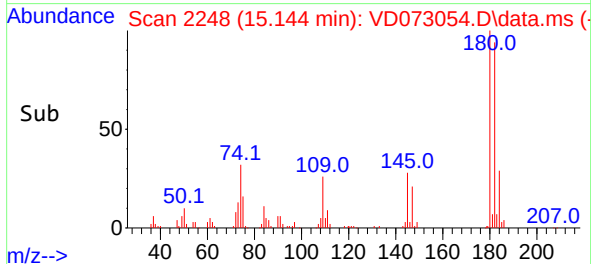
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



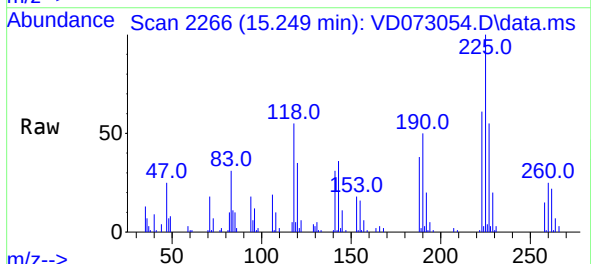
Tgt Ion:180 Resp: 86292
Ion Ratio Lower Upper
180 100
182 93.4 47.3 142.0
145 29.5 16.2 48.5

Manual Integrations
APPROVED

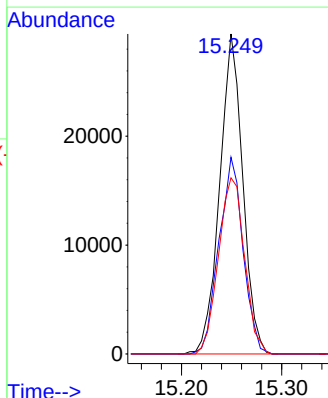
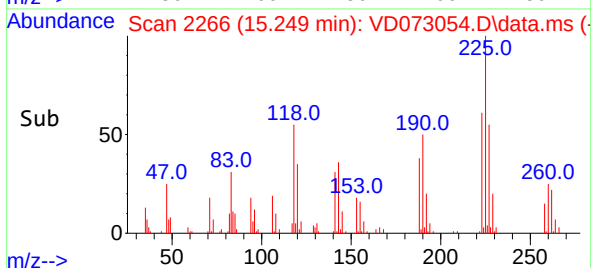
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

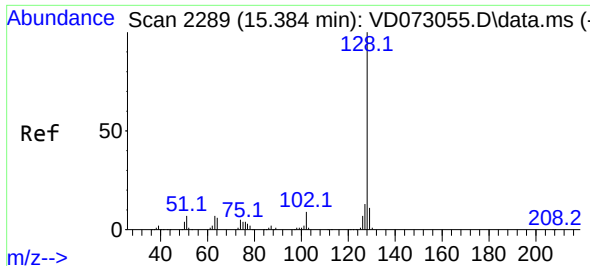


#94
Hexachlorobutadiene
Concen: 19.706 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15



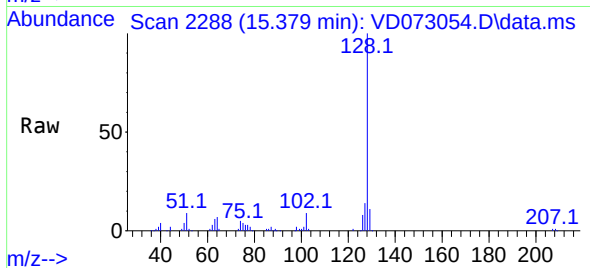
Tgt Ion:225 Resp: 46958
Ion Ratio Lower Upper
225 100
223 64.4 31.1 93.2
227 62.1 32.4 97.0





#95
Naphthalene
Concen: 18.864 ug/l
RT: 15.379 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15

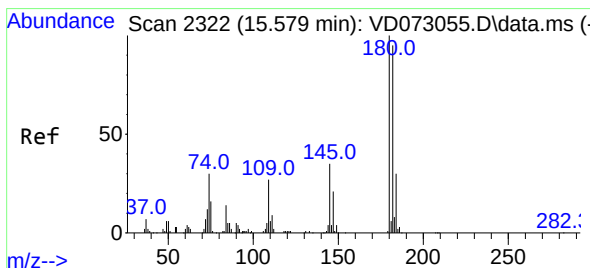
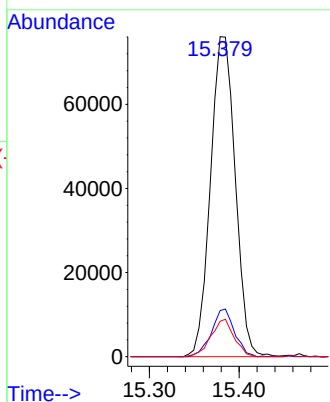
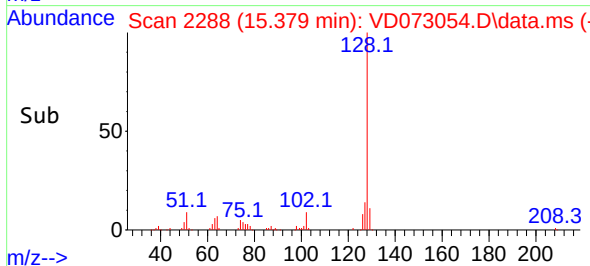
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



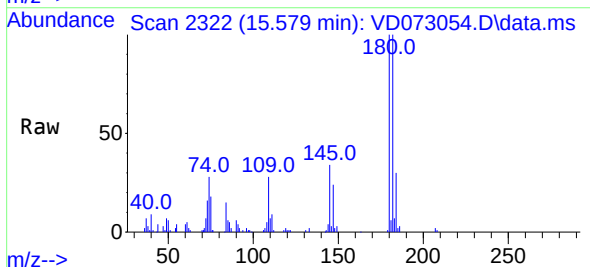
Tgt Ion:128 Resp: 145879
Ion Ratio Lower Upper
128 100
127 13.8 10.3 15.5
129 10.9 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#96
1,2,3-Trichlorobenzene
Concen: 19.443 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VD073054.D
Acq: 17 May 2022 11:15



Tgt Ion:180 Resp: 73692
Ion Ratio Lower Upper
180 100
182 96.2 47.6 142.9
145 34.2 17.1 51.3

