

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061223\
 Data File : VD076389.D
 Acq On : 12 Jun 2023 12:48
 Operator : KP/SY
 Sample : VSTDICC010
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/13/2023
 Supervised By :Mahesh Dadoda 06/13/2023

Quant Time: Jun 13 01:46:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061223S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 13 01:45:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	332999	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	584682	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	524007	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	245866	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	41396	10.763	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	21.520%#		
35) Dibromofluoromethane	7.804	113	38980	10.315	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	20.640%#		
50) Toluene-d8	10.269	98	148104	10.342	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	20.680%#		
62) 4-Bromofluorobenzene	12.575	95	51178	10.417	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	20.840%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	31638	10.637	ug/l	95
3) Chloromethane	2.146	50	59255	10.522	ug/l	99
4) Vinyl Chloride	2.275	62	54526	10.118	ug/l	97
5) Bromomethane	2.681	94	28520	10.100	ug/l	96
6) Chloroethane	2.828	64	33723	10.392	ug/l	99
7) Trichlorofluoromethane	3.163	101	55363	10.209	ug/l	97
8) Diethyl Ether	3.587	74	20586	10.567	ug/l	59
9) 1,1,2-Trichlorotrifluo...	3.958	101	33938	10.409	ug/l	97
10) Methyl Iodide	4.158	142	40347	9.623	ug/l #	90
11) Tert butyl alcohol	5.052	59	17312	53.842	ug/l #	93
12) 1,1-Dichloroethene	3.928	96	33767	10.155	ug/l #	81
13) Acrolein	3.787	56	21607	58.585	ug/l	98
14) Allyl chloride	4.558	41	68277	10.499	ug/l #	82
15) Acrylonitrile	5.252	53	52287	52.749	ug/l	97
16) Acetone	4.022	43	44172	52.242	ug/l #	78
17) Carbon Disulfide	4.263	76	90177	9.439	ug/l #	94
18) Methyl Acetate	4.563	43	38771	10.057	ug/l #	82
19) Methyl tert-butyl Ether	5.316	73	96828	10.495	ug/l	99
20) Methylene Chloride	4.793	84	69581	10.877	ug/l #	75
21) trans-1,2-Dichloroethene	5.305	96	41260	10.678	ug/l #	81
22) Diisopropyl ether	6.216	45	140958	10.648	ug/l #	89
23) Vinyl Acetate	6.152	43	302567m	53.214	ug/l	
24) 1,1-Dichloroethane	6.104	63	77132	10.482	ug/l	96
25) 2-Butanone	7.081	43	67936	51.372	ug/l #	75
26) 2,2-Dichloropropane	7.069	77	69679	10.517	ug/l	93
27) cis-1,2-Dichloroethene	7.075	96	47526	10.332	ug/l	80
28) Bromochloromethane	7.422	49	25402	9.043	ug/l #	67
29) Tetrahydrofuran	7.440	42	43571	51.643	ug/l #	77
30) Chloroform	7.593	83	78077	10.646	ug/l	99
31) Cyclohexane	7.869	56	63992	10.398	ug/l #	79
32) 1,1,1-Trichloroethane	7.793	97	64791	10.344	ug/l	98
36) 1,1-Dichloropropene	8.004	75	53922	9.776	ug/l	95
37) Ethyl Acetate	7.163	43	28055	9.670	ug/l	94
38) Carbon Tetrachloride	7.987	117	49240	9.615	ug/l	98
39) Methylcyclohexane	9.275	83	62440	9.832	ug/l #	89
40) Benzene	8.246	78	160580	10.014	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	20600	11.100	ug/l #	79
42) 1,2-Dichloroethane	8.322	62	48253	10.105	ug/l	97
43) Isopropyl Acetate	8.357	43	62035	10.199	ug/l #	81
44) Trichloroethene	9.028	130	44247	10.179	ug/l	95
45) 1,2-Dichloropropane	9.304	63	42337	9.934	ug/l	93
46) Dibromomethane	9.393	93	23767	10.105	ug/l	93
47) Bromodichloromethane	9.587	83	59968	10.293	ug/l	97
48) Methyl methacrylate	9.381	41	30685	10.525	ug/l #	63
49) 1,4-Dioxane	9.387	88	5964	213.724	ug/l #	74
51) 4-Methyl-2-Pentanone	10.157	43	154144	51.023	ug/l #	82
52) Toluene	10.334	92	102406	10.102	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	59684	10.016	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	69330	10.117	ug/l #	83
55) 1,1,2-Trichloroethane	10.734	97	32840	10.454	ug/l	96
56) Ethyl methacrylate	10.598	69	42970	9.849	ug/l #	66
57) 1,3-Dichloropropane	10.881	76	56469	10.333	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	90015	50.653	ug/l	90
59) 2-Hexanone	10.922	43	107325	50.681	ug/l	78
60) Dibromochloromethane	11.075	129	40366	10.385	ug/l	100
61) 1,2-Dibromoethane	11.181	107	30491	10.004	ug/l	98
64) Tetrachloroethene	10.810	164	37091	10.310	ug/l	89
65) Chlorobenzene	11.610	112	109772	10.106	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	40505	9.973	ug/l	96
67) Ethyl Benzene	11.687	91	199905	9.993	ug/l	97
68) m/p-Xylenes	11.792	106	151458	20.009	ug/l	88
69) o-Xylene	12.122	106	71568	9.843	ug/l	82
70) Styrene	12.139	104	124987	10.075	ug/l #	94
71) Bromoform	12.298	173	23839	10.064	ug/l #	97
73) Isopropylbenzene	12.422	105	187053	10.060	ug/l	96
74) N-amyl acetate	12.234	43	57211	10.089	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.675	83	38360	10.447	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	22036m	9.280	ug/l	
77) Bromobenzene	12.704	156	44892	10.233	ug/l	83
78) n-propylbenzene	12.763	91	228303	10.073	ug/l	96
79) 2-Chlorotoluene	12.851	91	130390	10.167	ug/l	94
80) 1,3,5-Trimethylbenzene	12.904	105	155680	10.031	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.469	75	12835	9.998	ug/l	90
82) 4-Chlorotoluene	12.951	91	135443	10.085	ug/l	93
83) tert-Butylbenzene	13.169	119	134466	10.096	ug/l	93
84) 1,2,4-Trimethylbenzene	13.216	105	155307	10.128	ug/l	93
85) sec-Butylbenzene	13.345	105	197774	10.089	ug/l	97
86) p-Isopropyltoluene	13.463	119	165612	10.033	ug/l	94
87) 1,3-Dichlorobenzene	13.457	146	85922	10.120	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	85005	10.131	ug/l	95
89) n-Butylbenzene	13.786	91	159980	10.088	ug/l	98
90) Hexachloroethane	14.057	117	30136	9.894	ug/l	98
91) 1,2-Dichlorobenzene	13.833	146	76288	10.217	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	6100	10.113	ug/l	92
93) 1,2,4-Trichlorobenzene	15.098	180	50673	10.140	ug/l	96
94) Hexachlorobutadiene	15.204	225	25963	10.326	ug/l	98
95) Naphthalene	15.333	128	99532	9.918	ug/l	96
96) 1,2,3-Trichlorobenzene	15.522	180	43352	10.044	ug/l	98

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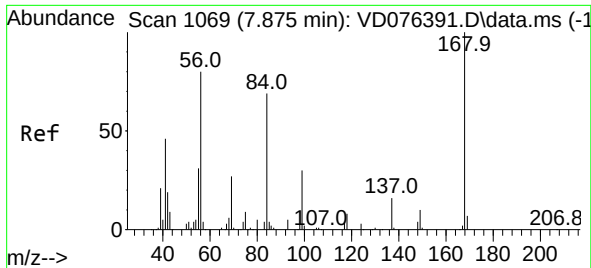
Manual Integrations
APPROVED

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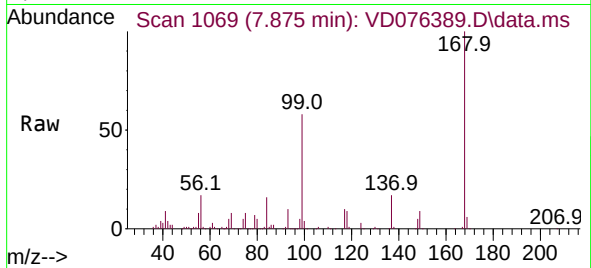
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
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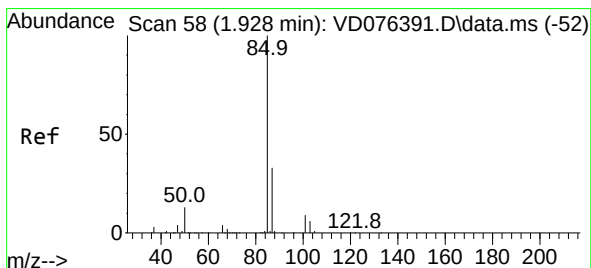
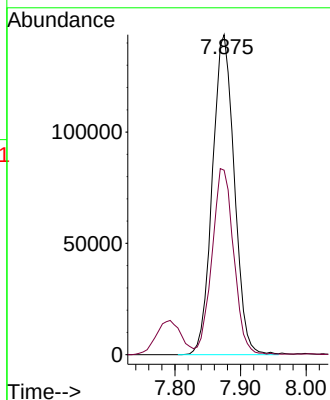
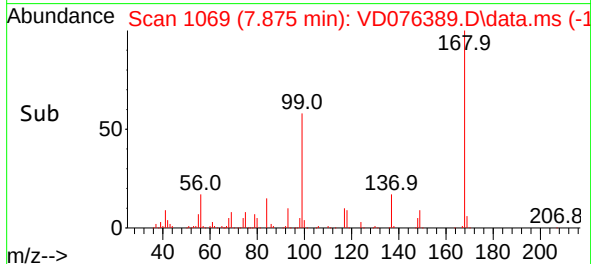
Instrument :
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Tgt Ion:168 Resp: 332995
Ion Ratio Lower Upper
168 100
99 57.5 36.7 55.1

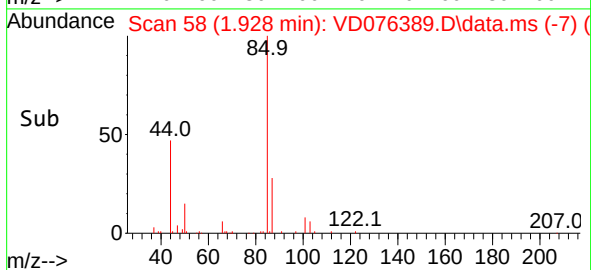
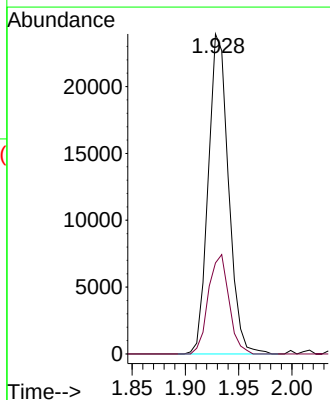
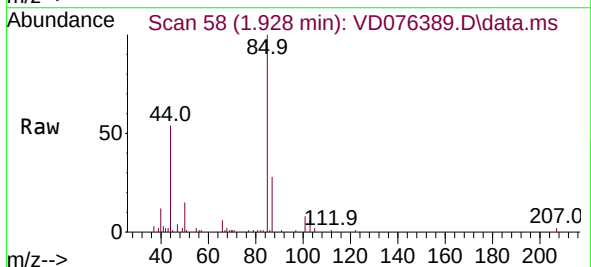
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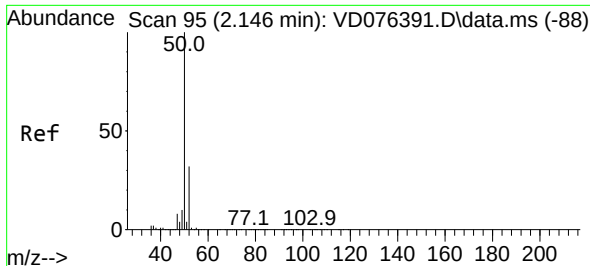
Reviewed By :Krupa Patel 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023



#2
Dichlorodifluoromethane
Concen: 10.637 ug/l
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD076389.D
Acq: 12 Jun 2023 12:48

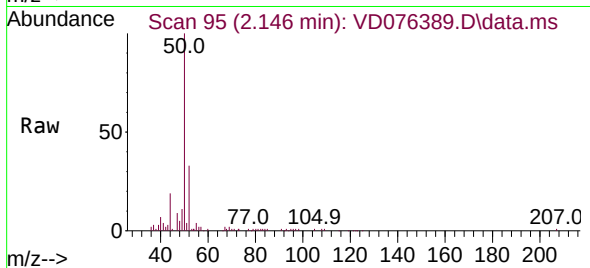
Tgt Ion: 85 Resp: 31638
Ion Ratio Lower Upper
85 100
87 28.5 15.7 47.0





#3
Chloromethane
Concen: 10.522 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD076389.D
Acq: 12 Jun 2023 12:48

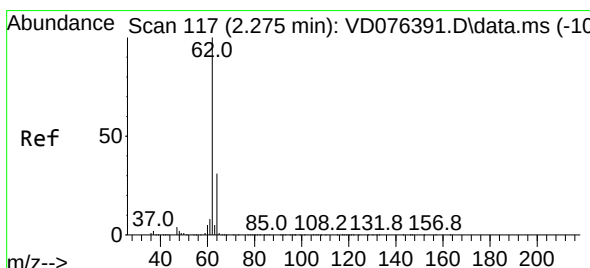
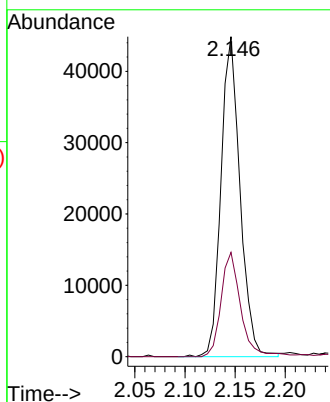
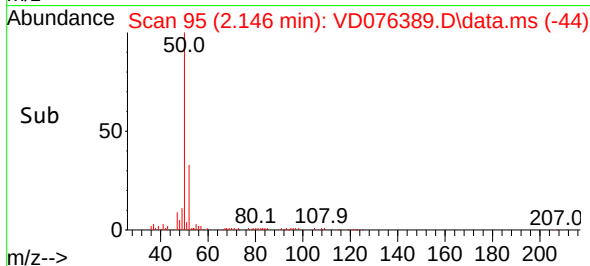
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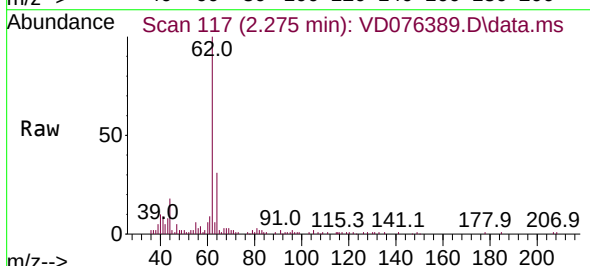
Tgt Ion: 50 Resp: 5925
Ion Ratio Lower Upper
50 100
52 32.6 26.6 40.0

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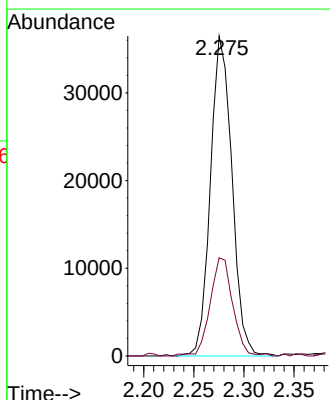
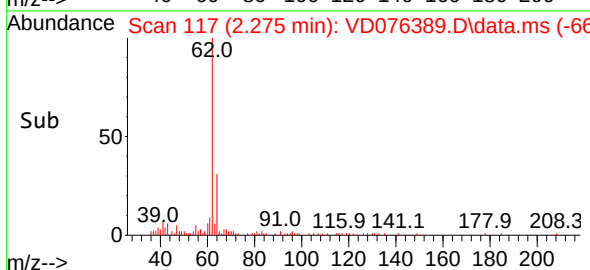
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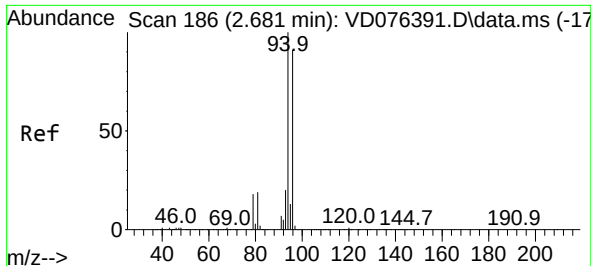


#4
Vinyl Chloride
Concen: 10.118 ug/l
RT: 2.275 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD076389.D
Acq: 12 Jun 2023 12:48



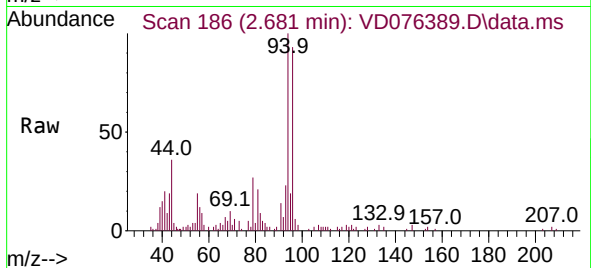
Tgt Ion: 62 Resp: 54526
Ion Ratio Lower Upper
62 100
64 30.7 26.0 39.0





#5
Bromomethane
Concen: 10.100 ug/l
RT: 2.681 min Scan# 186
Delta R.T. 0.000 min
Lab File: VD076389.D
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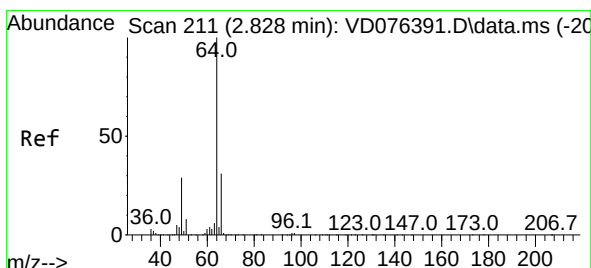
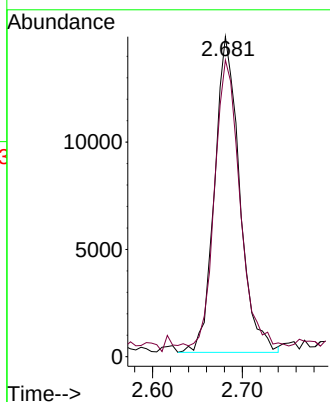
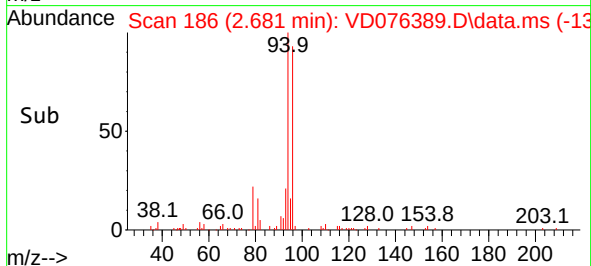
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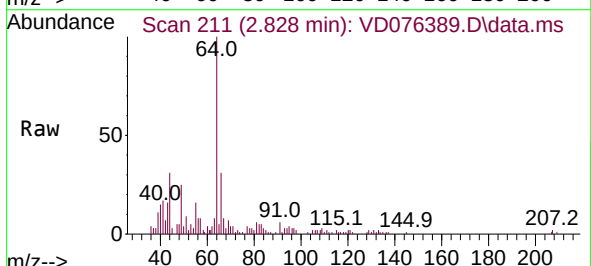
Tgt Ion: 94 Resp: 28520
Ion Ratio Lower Upper
94 100
96 90.9 75.8 113.8

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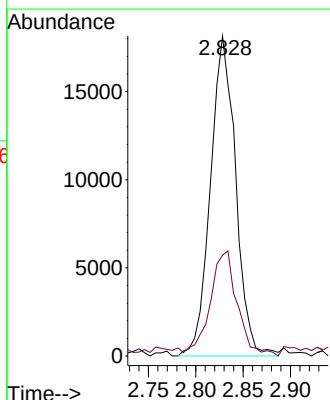
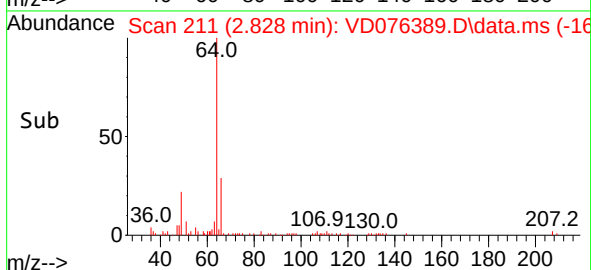
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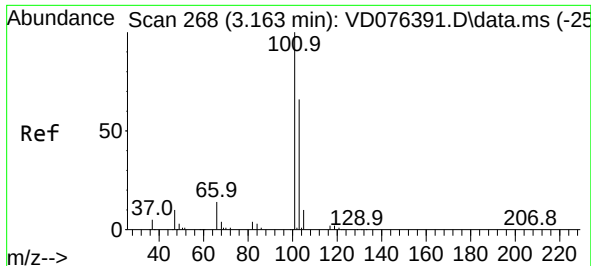


#6
Chloroethane
Concen: 10.392 ug/l
RT: 2.828 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD076389.D
Acq: 12 Jun 2023 12:48



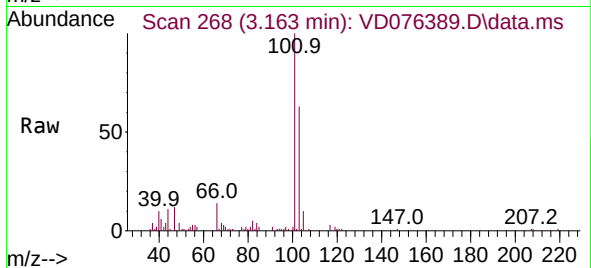
Tgt Ion: 64 Resp: 33723
Ion Ratio Lower Upper
64 100
66 31.4 25.5 38.3





#7
 Trichlorofluoromethane
 Concen: 10.209 ug/l
 RT: 3.163 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD076389.D
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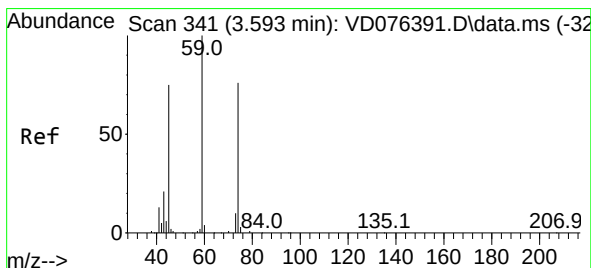
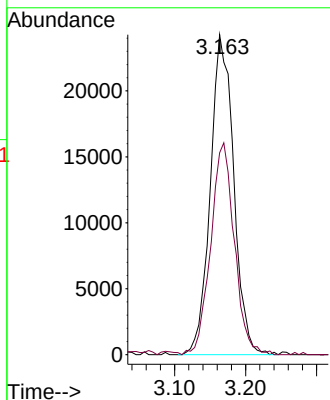
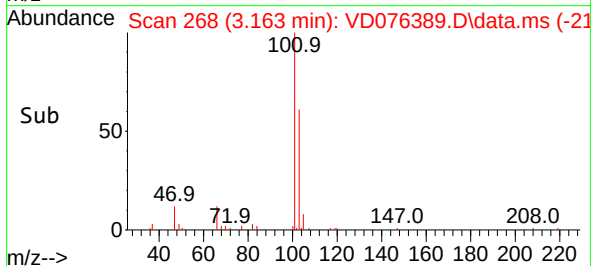
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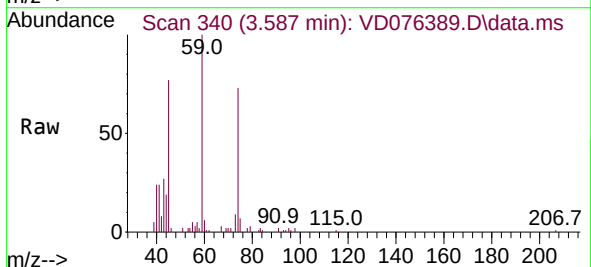
Tgt Ion:101 Resp: 5536
 Ion Ratio Lower Upper
 101 100
 103 63.1 52.3 78.5

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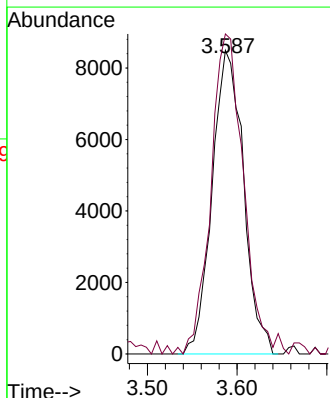
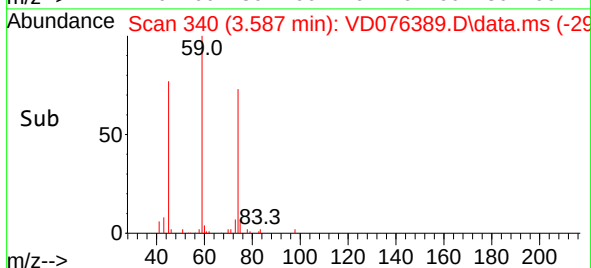
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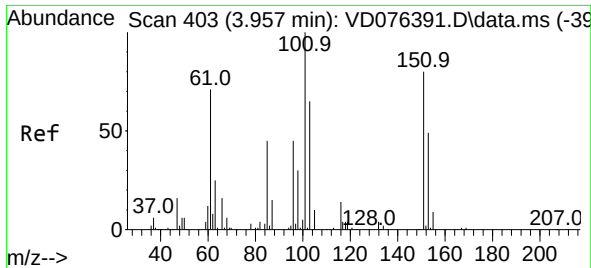


#8
 Diethyl Ether
 Concen: 10.567 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 20586
 Ion Ratio Lower Upper
 74 100
 45 109.8 37.5 112.7





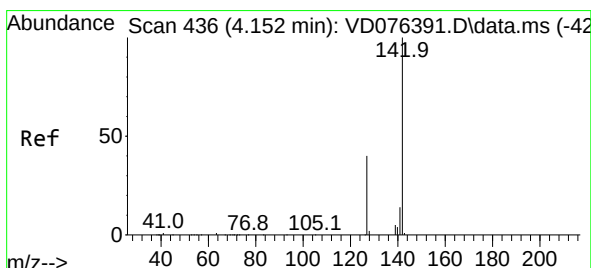
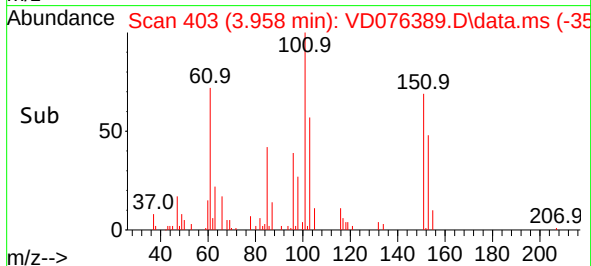
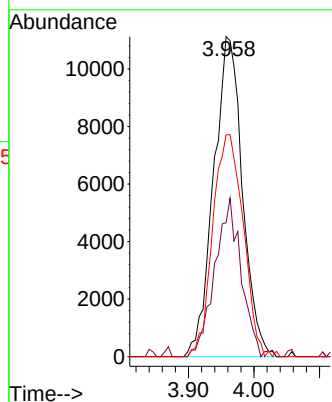
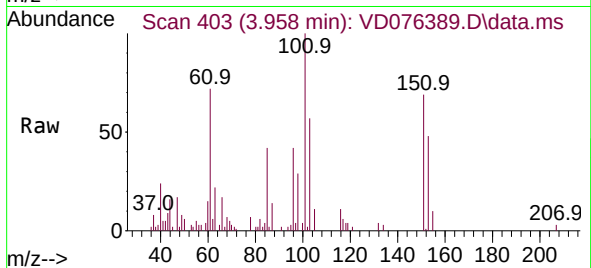
#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.409 ug/l
RT: 3.958 min Scan# 403
Delta R.T. 0.000 min
Lab File: VD076389.D
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MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion:101 Resp: 33938
Ion Ratio Lower Upper
101 100
85 45.1 33.8 50.6
151 73.2 59.8 89.6

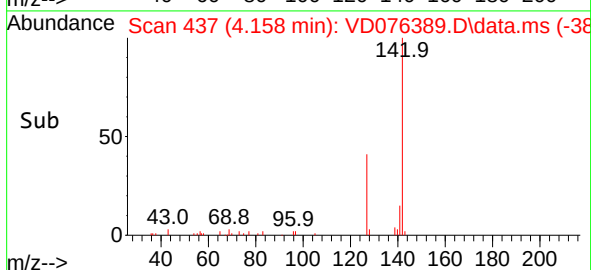
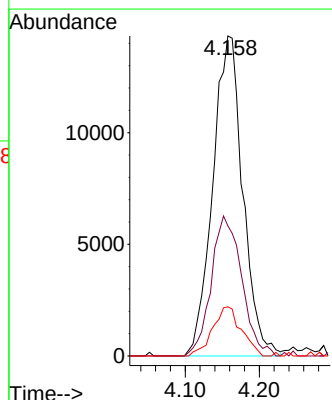
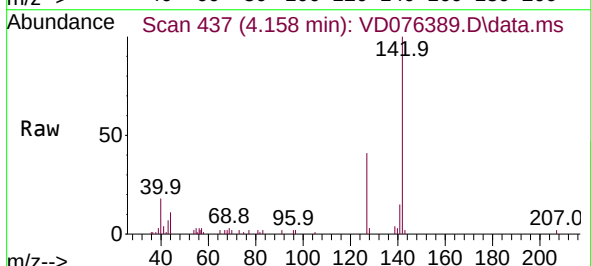
Manual Integrations
APPROVED

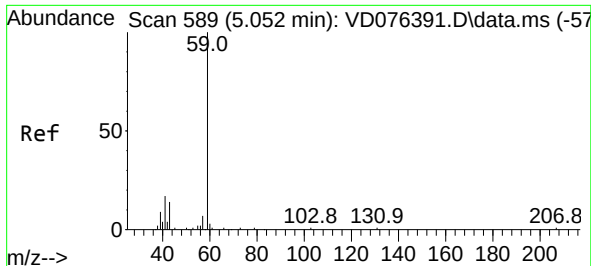
Reviewed By :Krupa Patel 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023



#10
Methyl Iodide
Concen: 9.623 ug/l
RT: 4.158 min Scan# 437
Delta R.T. 0.006 min
Lab File: VD076389.D
Acq: 12 Jun 2023 12:48

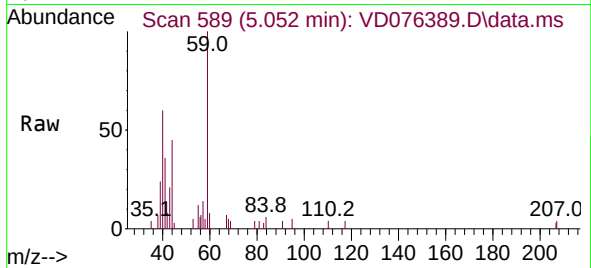
Tgt Ion:142 Resp: 40347
Ion Ratio Lower Upper
142 100
127 44.3 29.4 44.0#
141 14.7 11.1 16.7





#11
Tert butyl alcohol
Concen: 53.842 ug/l
RT: 5.052 min Scan# 589
Delta R.T. 0.000 min
Lab File: VD076389.D
Acq: 12 Jun 2023 12:48

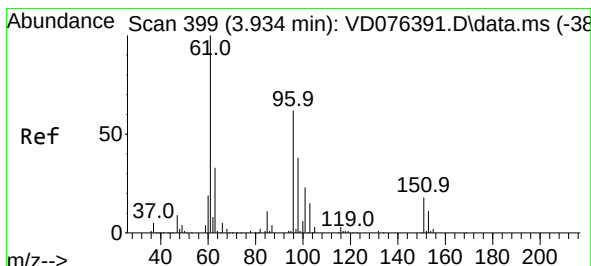
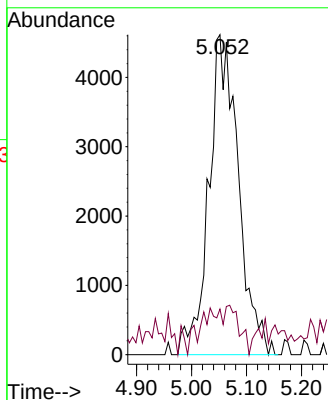
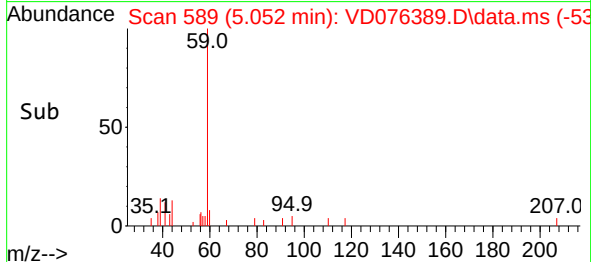
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



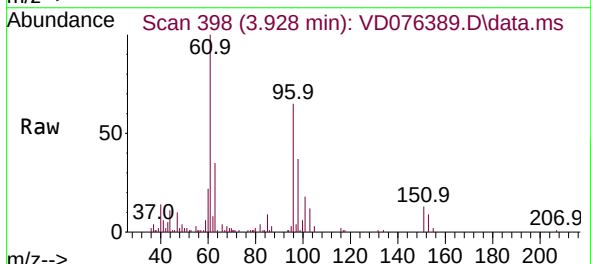
Tgt Ion: 59 Resp: 17312
Ion Ratio Lower Upper
59 100
57 7.3 7.8 11.8

Manual Integrations
APPROVED

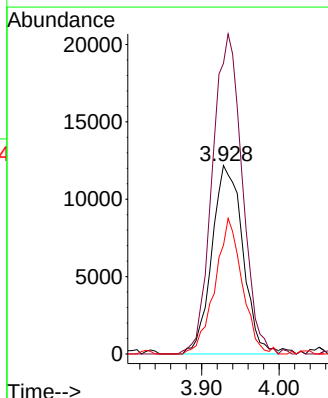
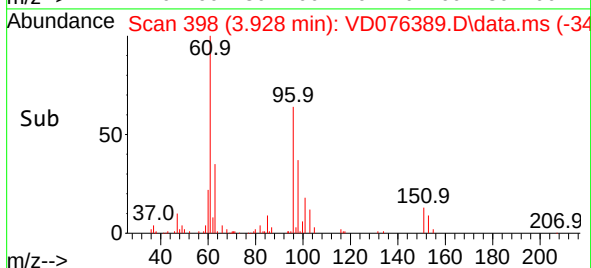
Reviewed By :Krupa Patel 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023

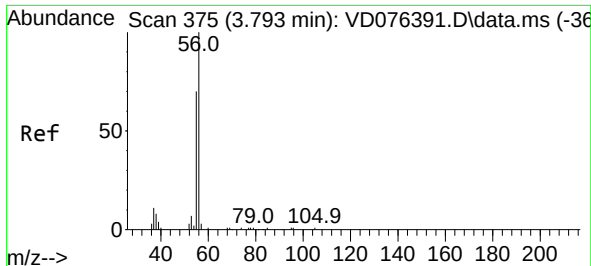


#12
1,1-Dichloroethene
Concen: 10.155 ug/l
RT: 3.928 min Scan# 398
Delta R.T. -0.006 min
Lab File: VD076389.D
Acq: 12 Jun 2023 12:48



Tgt Ion: 96 Resp: 33767
Ion Ratio Lower Upper
96 100
61 154.2 100.6 150.8#
98 57.8 50.2 75.2





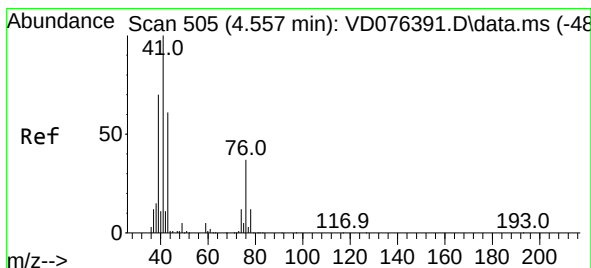
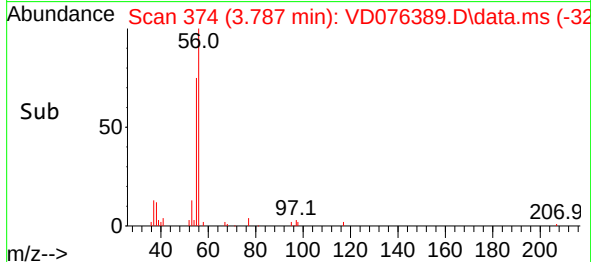
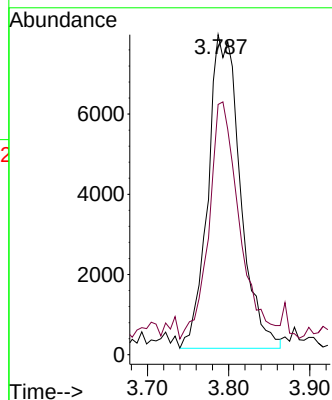
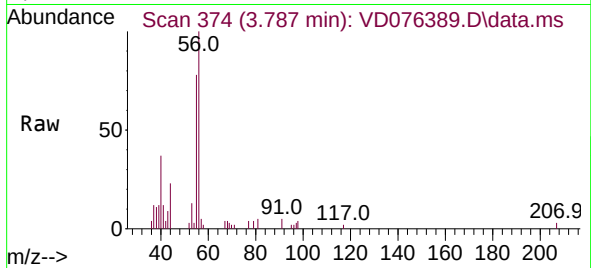
#13
Acrolein
Concen: 58.585 ug/l
RT: 3.787 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD076389.D
Acq: 12 Jun 2023 12:48

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

Tgt Ion: 56 Resp: 2160
Ion Ratio Lower Upper
56 100
55 70.9 55.1 82.7

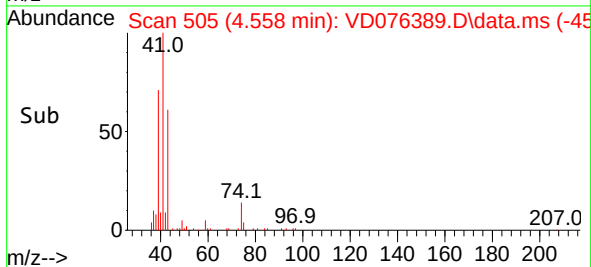
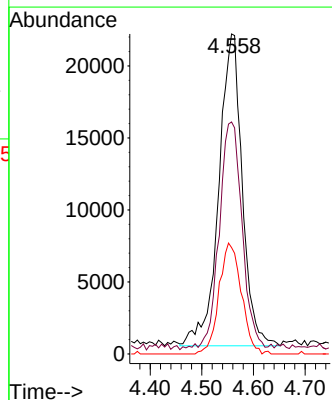
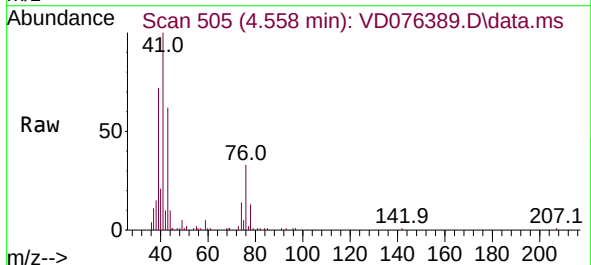
Manual Integrations
APPROVED

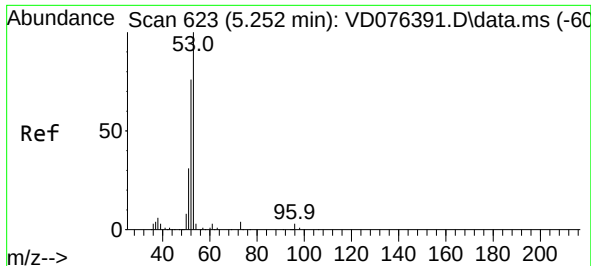
Reviewed By :Krupa Patel 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023



#14
Allyl chloride
Concen: 10.499 ug/l
RT: 4.558 min Scan# 505
Delta R.T. 0.000 min
Lab File: VD076389.D
Acq: 12 Jun 2023 12:48

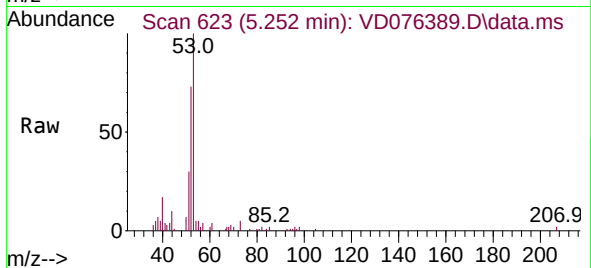
Tgt Ion: 41 Resp: 68277
Ion Ratio Lower Upper
41 100
39 71.8 53.8 80.6
76 33.9 45.8 68.8





#15
Acrylonitrile
Concen: 52.749 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD076389.D
Acq: 12 Jun 2023 12:48

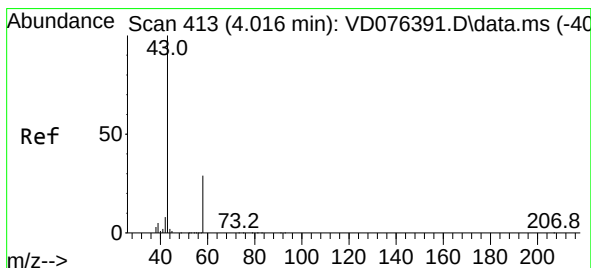
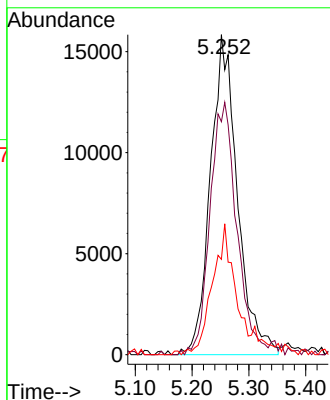
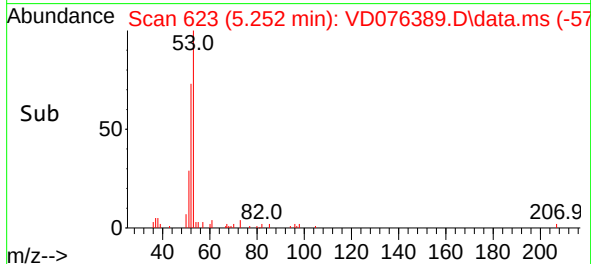
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



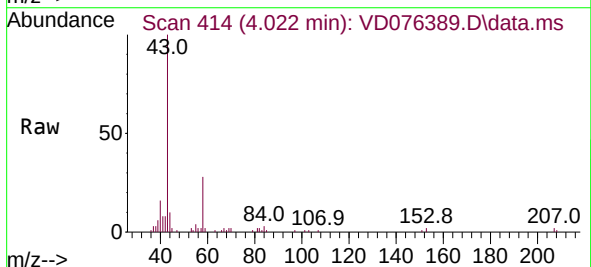
Tgt Ion: 53 Resp: 5228
Ion Ratio Lower Upper
53 100
52 77.8 65.0 97.4
51 34.1 28.3 42.5

Manual Integrations
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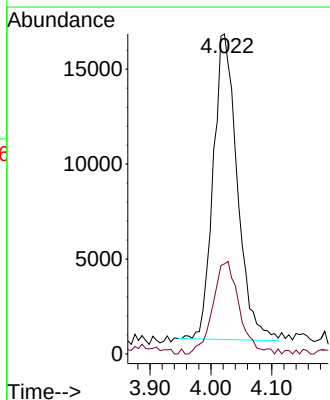
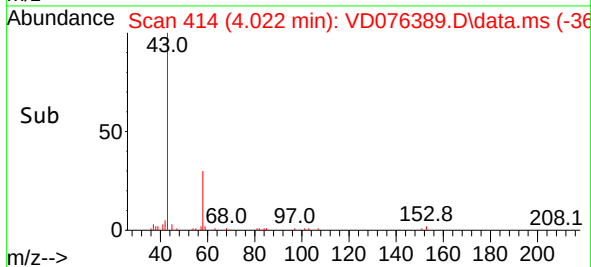
Reviewed By :Krupa Patel 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023

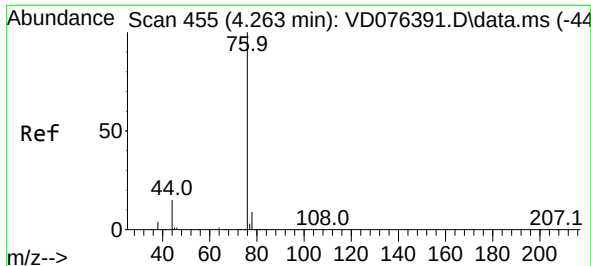


#16
Acetone
Concen: 52.242 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD076389.D
Acq: 12 Jun 2023 12:48



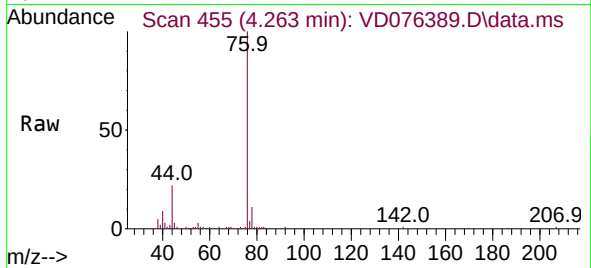
Tgt Ion: 43 Resp: 44172
Ion Ratio Lower Upper
43 100
58 29.6 34.7 52.1#





#17
Carbon Disulfide
Concen: 9.439 ug/l
RT: 4.263 min Scan# 455
Delta R.T. 0.000 min
Lab File: VD076389.D
Acq: 12 Jun 2023 12:48

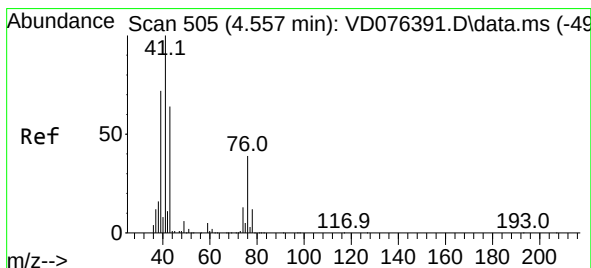
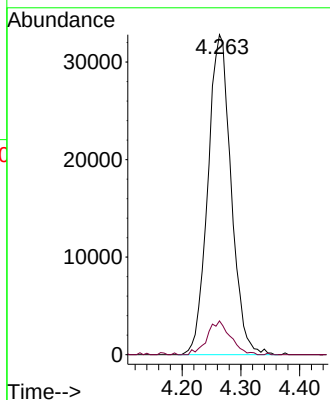
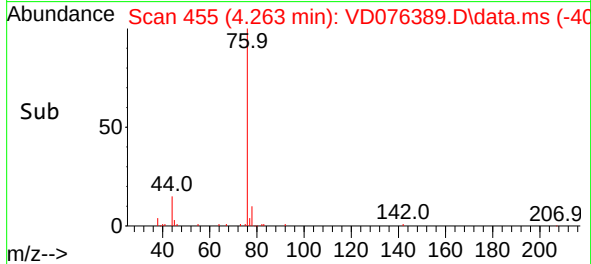
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



Tgt Ion: 76 Resp: 9017
Ion Ratio Lower Upper
76 100
78 10.5 6.8 10.2

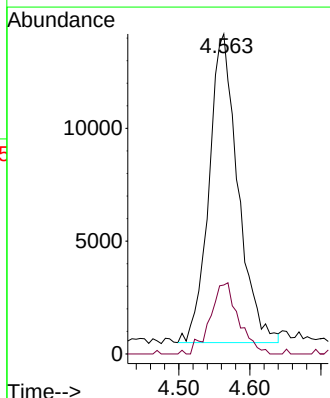
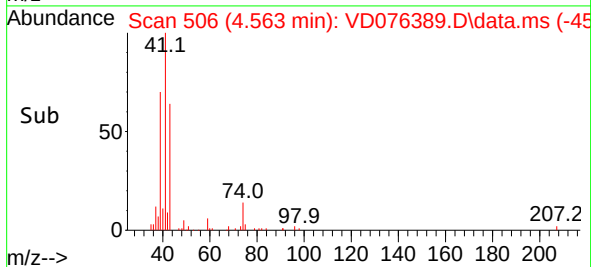
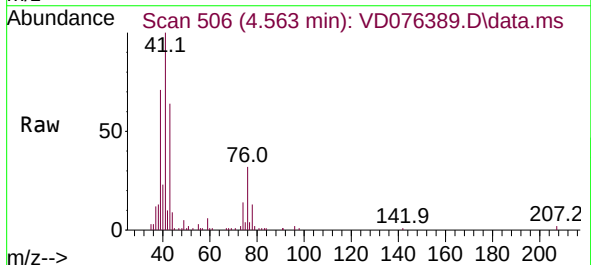
Manual Integrations
APPROVED

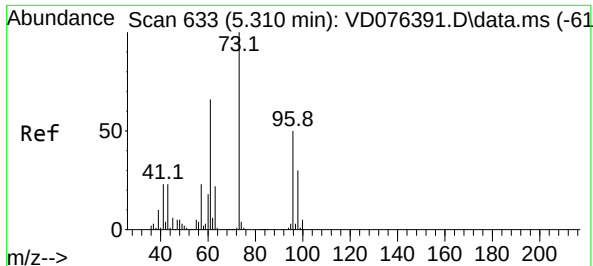
Reviewed By :Krupa Patel 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023



#18
Methyl Acetate
Concen: 10.057 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD076389.D
Acq: 12 Jun 2023 12:48

Tgt Ion: 43 Resp: 38771
Ion Ratio Lower Upper
43 100
74 22.5 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 10.495 ug/l

RT: 5.316 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD076389.D

Acq: 12 Jun 2023 12:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

Tgt Ion: 73 Resp: 96828

Ion Ratio Lower Upper

73 100

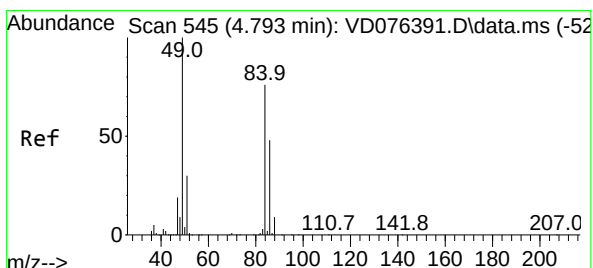
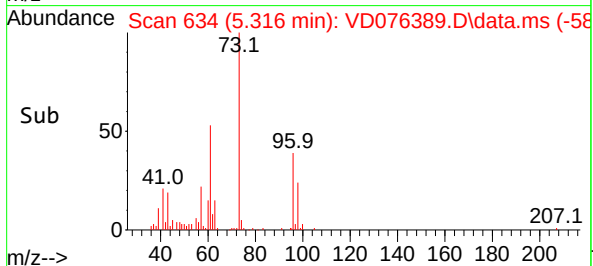
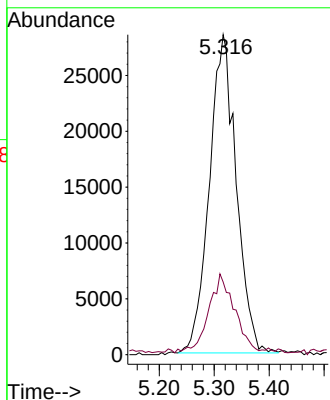
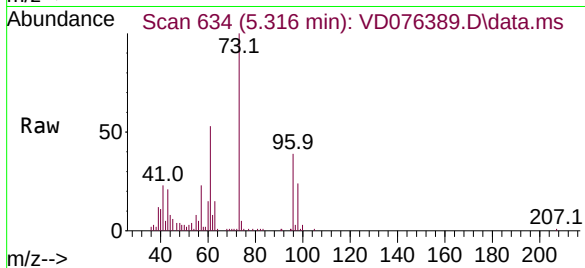
57 21.1 16.6 25.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/13/2023

Supervised By :Mahesh Dadoda 06/13/2023



#20

Methylene Chloride

Concen: 10.877 ug/l

RT: 4.793 min Scan# 545

Delta R.T. -0.000 min

Lab File: VD076389.D

Acq: 12 Jun 2023 12:48

Tgt Ion: 84 Resp: 69581

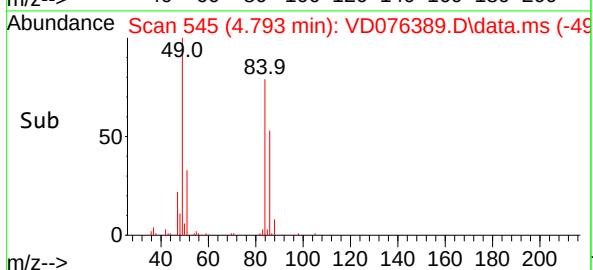
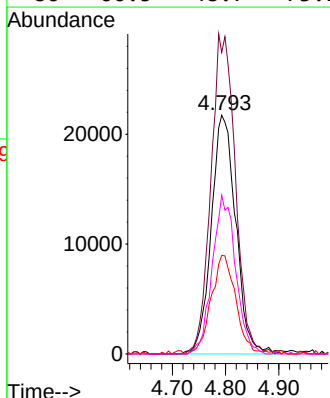
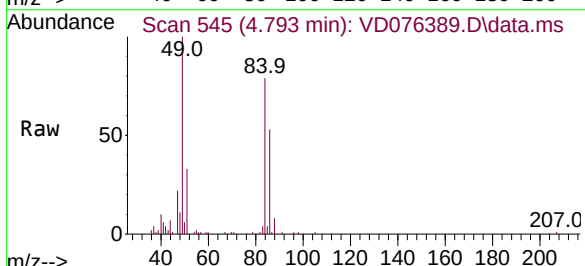
Ion Ratio Lower Upper

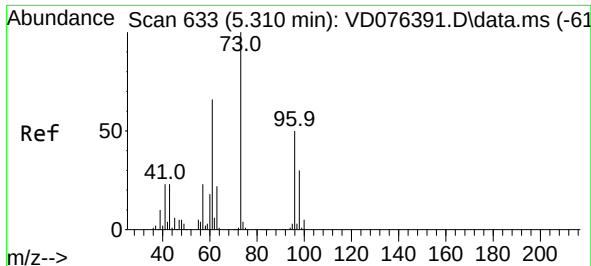
84 100

49 126.3 71.4 107.2#

51 39.9 24.5 36.7#

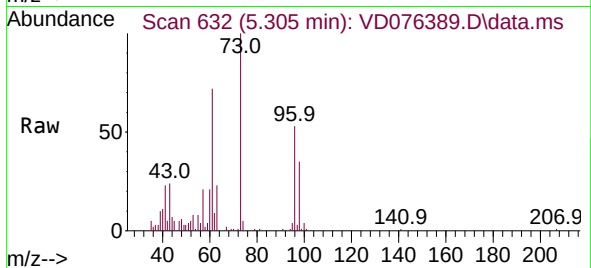
86 66.5 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 10.678 ug/l
RT: 5.305 min Scan# 612
Delta R.T. -0.006 min
Lab File: VD076389.D
Acq: 12 Jun 2023 12:48

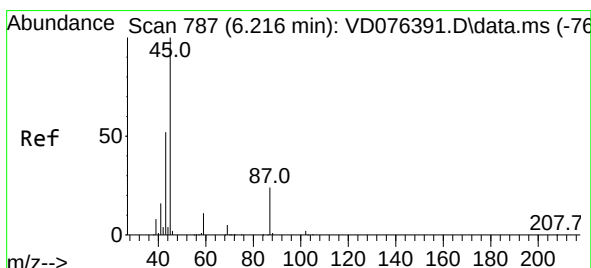
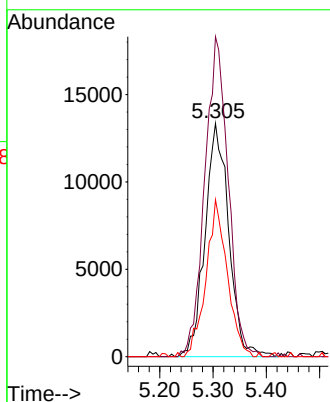
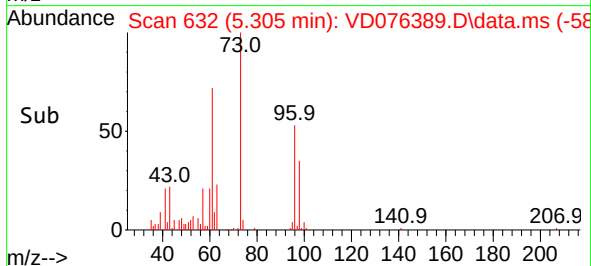
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



Tgt Ion: 96 Resp: 41260
Ion Ratio Lower Upper
96 100
61 137.1 89.3 133.9#
98 67.3 48.6 73.0

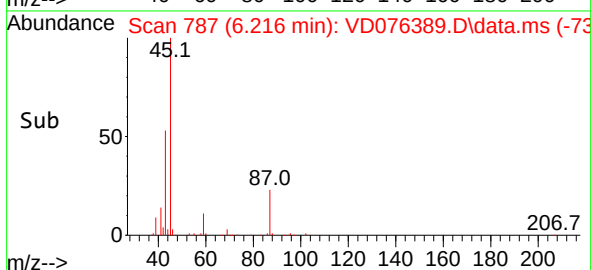
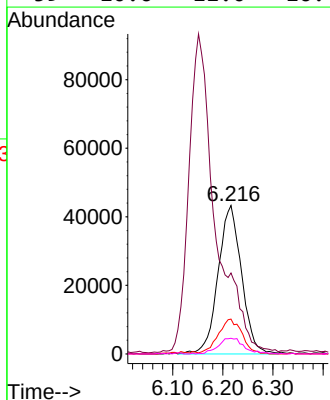
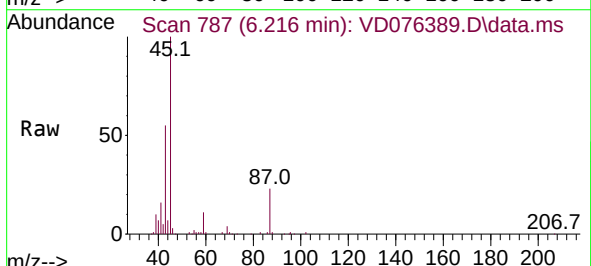
Manual Integrations
APPROVED

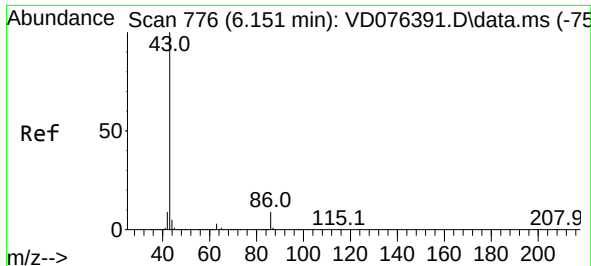
Reviewed By :Krupa Patel 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023



#22
Diisopropyl ether
Concen: 10.648 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD076389.D
Acq: 12 Jun 2023 12:48

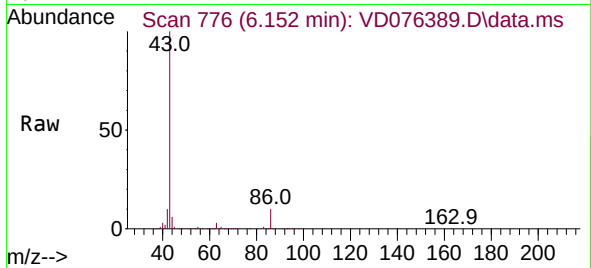
Tgt Ion: 45 Resp: 140958
Ion Ratio Lower Upper
45 100
43 53.0 40.0 60.0
87 23.5 28.2 42.4#
59 10.6 11.0 16.4#





#23
 Vinyl Acetate
 Concen: 53.214 ug/l m
 RT: 6.152 min Scan# 776
 Delta R.T. 0.000 min
 Lab File: VD076389.D
 Acq: 12 Jun 2023 12:48

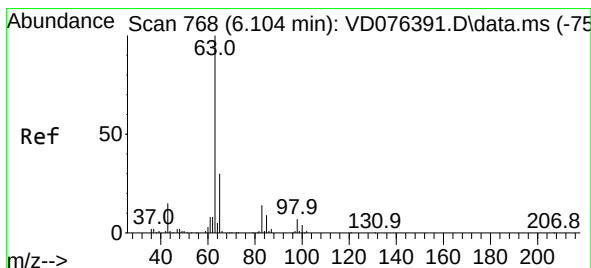
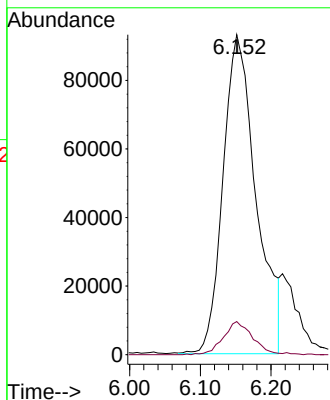
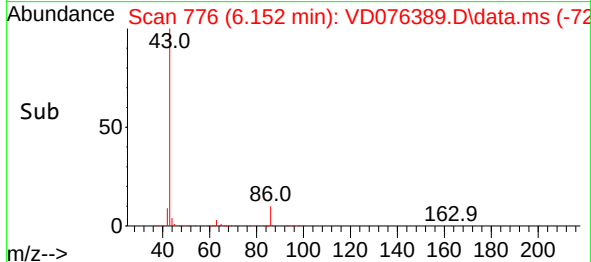
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC010



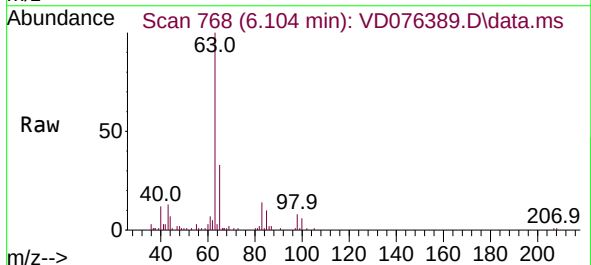
Tgt Ion: 43 Resp: 30256
 Ion Ratio Lower Upper
 43 100
 86 10.3 12.5 18.7

Manual Integrations
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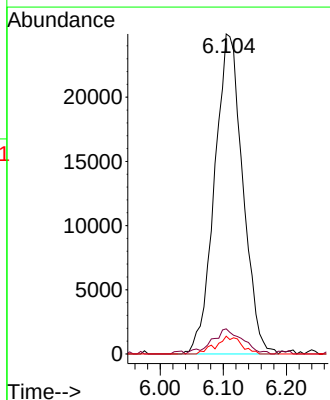
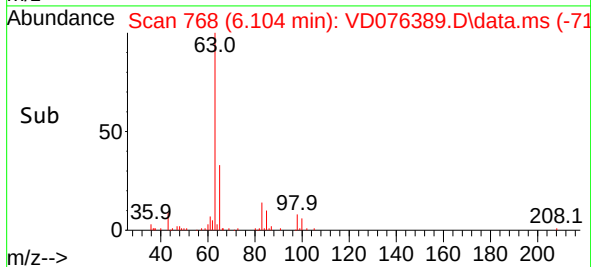
Reviewed By :Krupa Patel 06/13/2023
 Supervised By :Mahesh Dadoda 06/13/2023

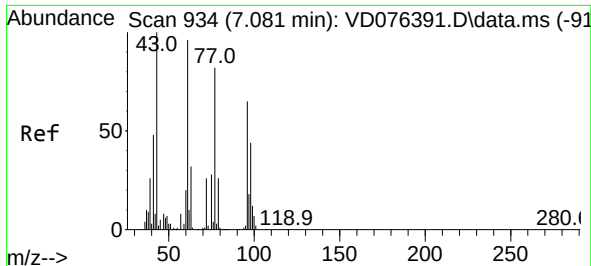


#24
 1,1-Dichloroethane
 Concen: 10.482 ug/l
 RT: 6.104 min Scan# 768
 Delta R.T. 0.000 min
 Lab File: VD076389.D
 Acq: 12 Jun 2023 12:48



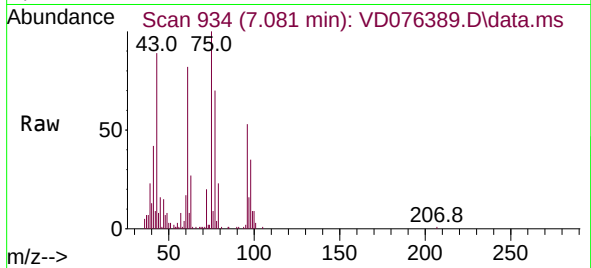
Tgt Ion: 63 Resp: 77132
 Ion Ratio Lower Upper
 63 100
 98 7.0 4.5 13.7
 100 5.6 2.5 7.5





#25
2-Butanone
Concen: 51.372 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076389.D
Acq: 12 Jun 2023 12:48

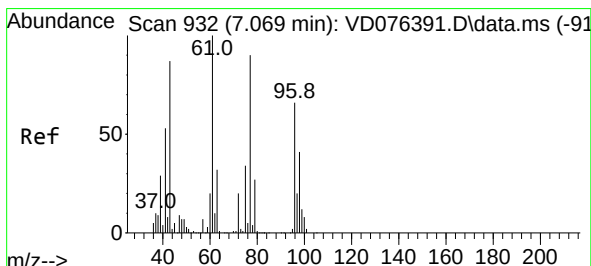
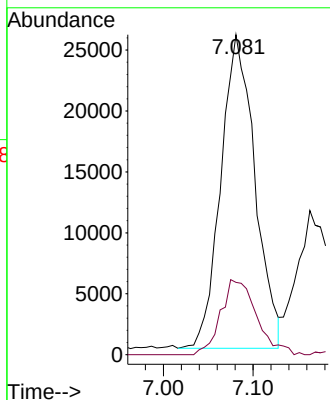
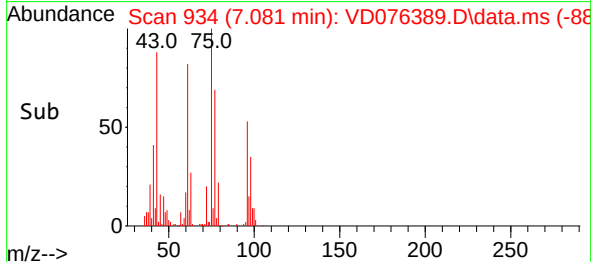
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



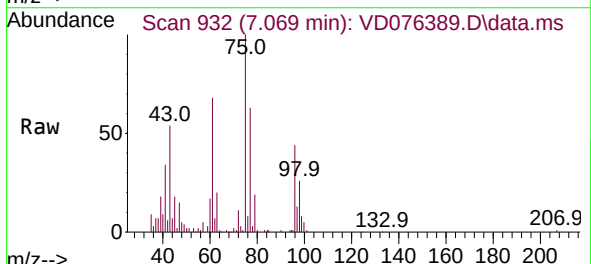
Tgt Ion: 43 Resp: 67930
Ion Ratio Lower Upper
43 100
72 23.1 30.7 46.1

Manual Integrations
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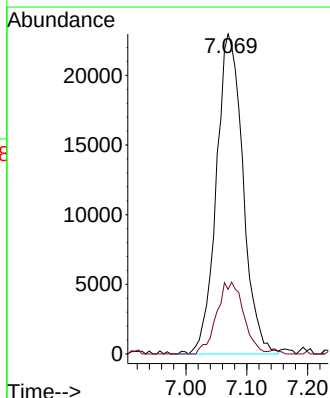
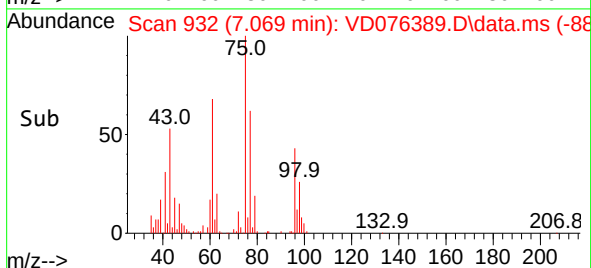
Reviewed By :Krupa Patel 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023

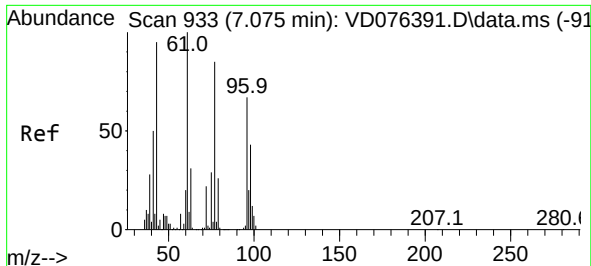


#26
2,2-Dichloropropane
Concen: 10.517 ug/l
RT: 7.069 min Scan# 932
Delta R.T. 0.000 min
Lab File: VD076389.D
Acq: 12 Jun 2023 12:48



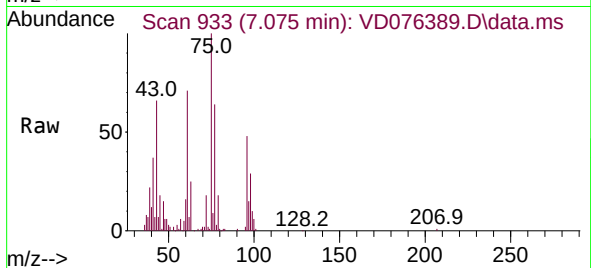
Tgt Ion: 77 Resp: 69679
Ion Ratio Lower Upper
77 100
97 22.8 13.2 39.6





#27
 cis-1,2-Dichloroethene
 Concen: 10.332 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD076389.D
 Acq: 12 Jun 2023 12:48

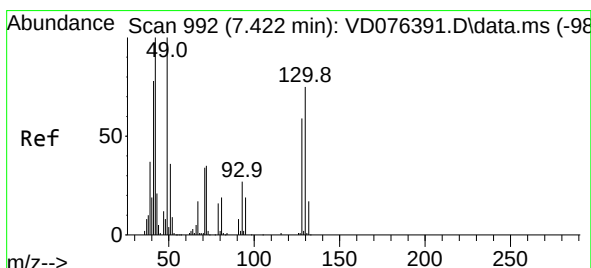
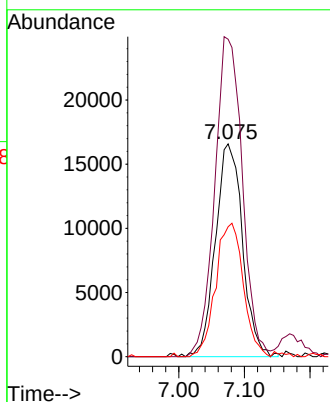
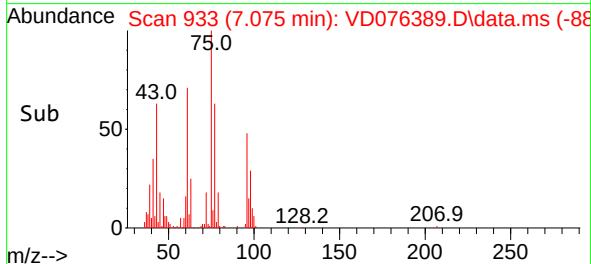
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC010



Tgt Ion: 96 Resp: 47520
 Ion Ratio Lower Upper
 96 100
 61 152.9 0.0 239.2
 98 63.9 0.0 128.6

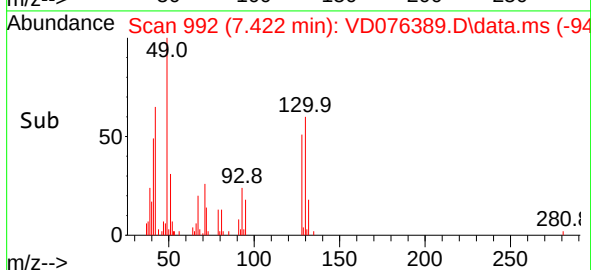
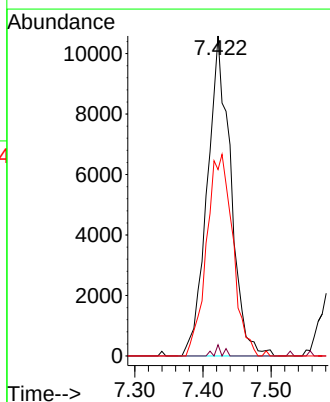
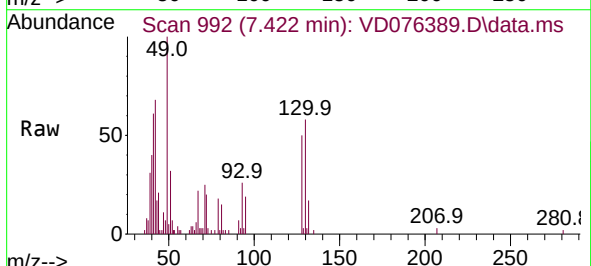
Manual Integrations
 APPROVED

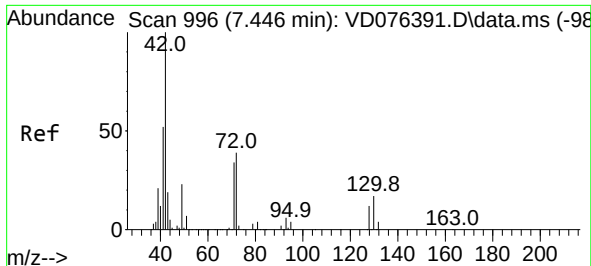
Reviewed By :Krupa Patel 06/13/2023
 Supervised By :Mahesh Dadoda 06/13/2023



#28
 Bromochloromethane
 Concen: 9.043 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. 0.000 min
 Lab File: VD076389.D
 Acq: 12 Jun 2023 12:48

Tgt Ion: 49 Resp: 25402
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 6.0
 130 70.0 83.2 124.8#





#29

Tetrahydrofuran

Concen: 51.643 ug/l

RT: 7.440 min Scan# 996

Delta R.T. -0.006 min

Lab File: VD076389.D

Acq: 12 Jun 2023 12:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tgt Ion: 42 Resp: 4357

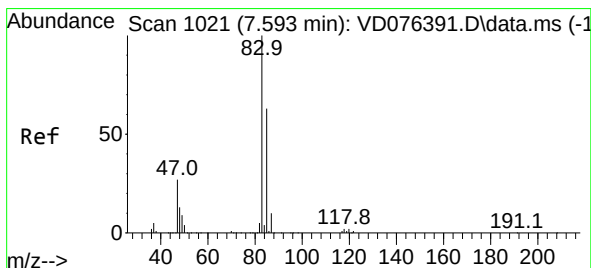
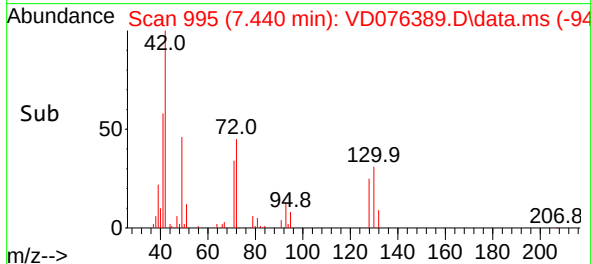
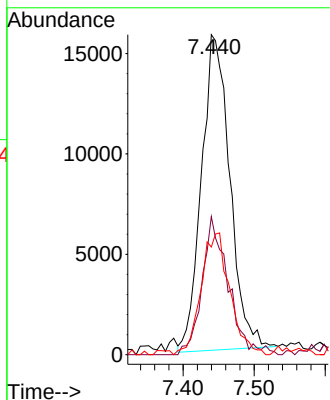
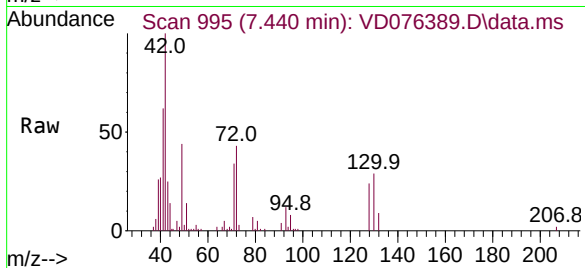
Ion	Ratio	Lower	Upper
42	100		
72	40.3	46.5	69.7
71	39.3	44.5	66.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/13/2023

Supervised By :Mahesh Dadoda 06/13/2023



#30

Chloroform

Concen: 10.646 ug/l

RT: 7.593 min Scan# 1021

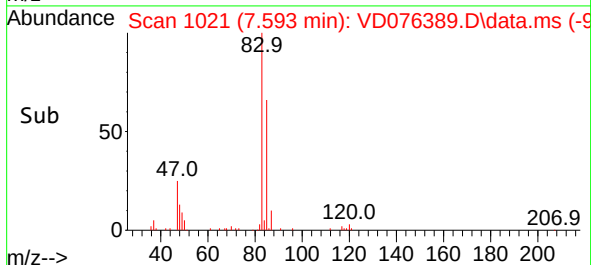
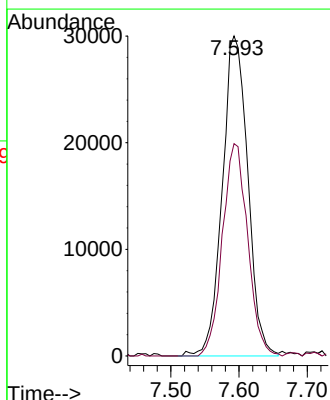
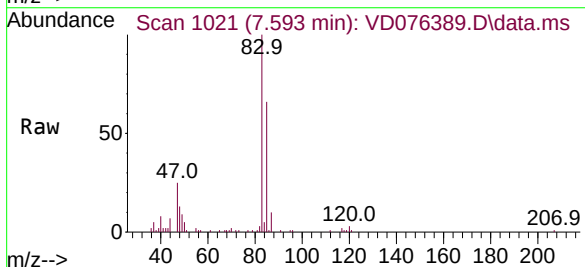
Delta R.T. 0.000 min

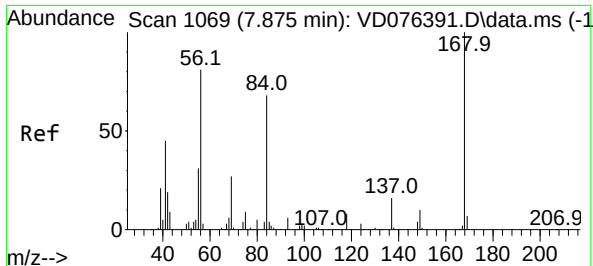
Lab File: VD076389.D

Acq: 12 Jun 2023 12:48

Tgt Ion: 83 Resp: 78077

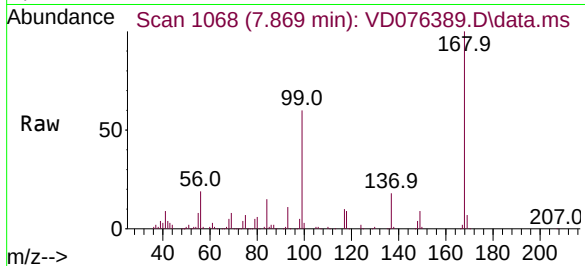
Ion	Ratio	Lower	Upper
83	100		
85	66.4	53.4	80.2





#31
Cyclohexane
Concen: 10.398 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076389.D
Acq: 12 Jun 2023 12:48

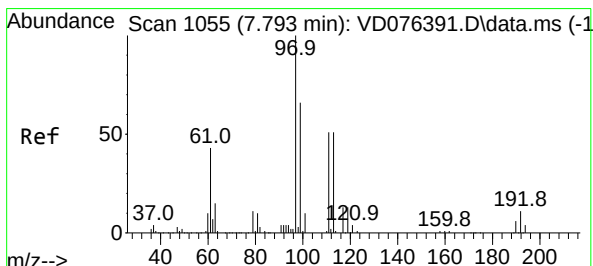
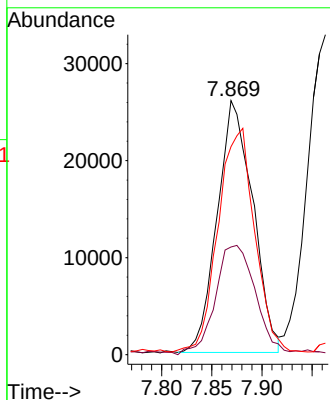
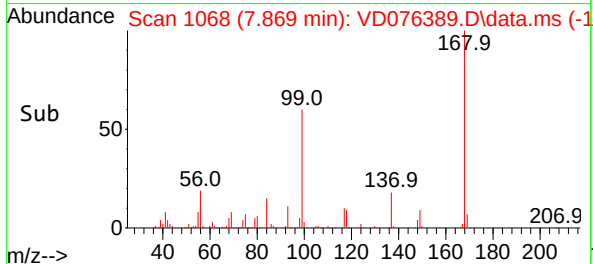
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



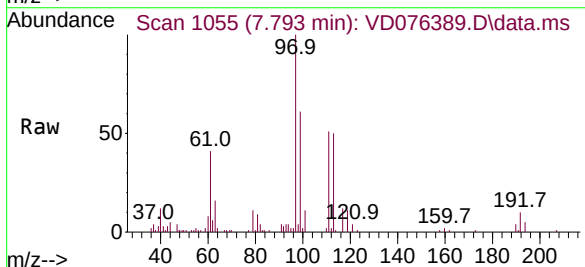
Tgt Ion: 56 Resp: 63992
Ion Ratio Lower Upper
56 100
69 42.8 28.6 43.0
84 80.8 84.8 127.2

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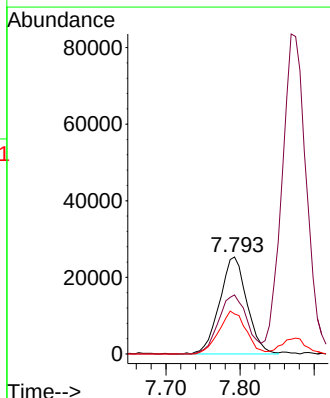
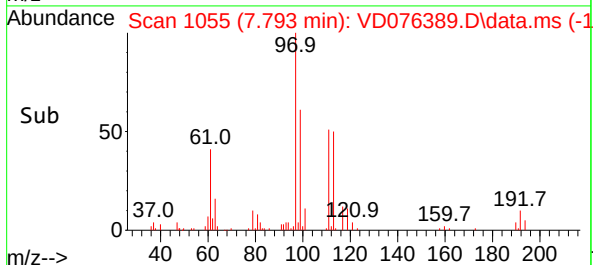
Reviewed By :Krupa Patel 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023

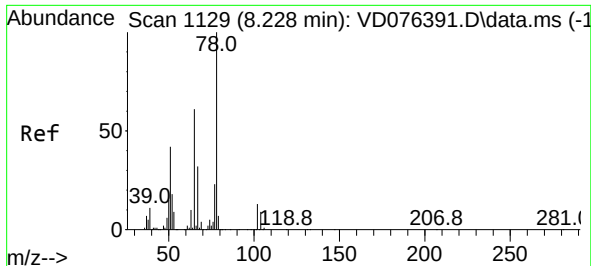


#32
1,1,1-Trichloroethane
Concen: 10.344 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD076389.D
Acq: 12 Jun 2023 12:48



Tgt Ion: 97 Resp: 64791
Ion Ratio Lower Upper
97 100
99 63.8 52.0 78.0
61 43.6 33.8 50.8





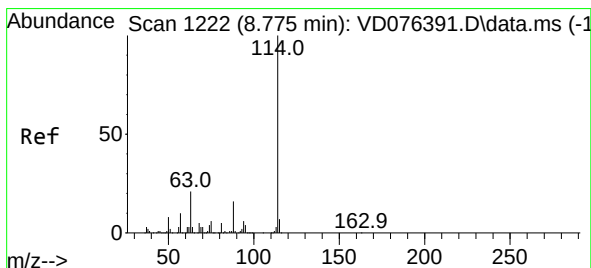
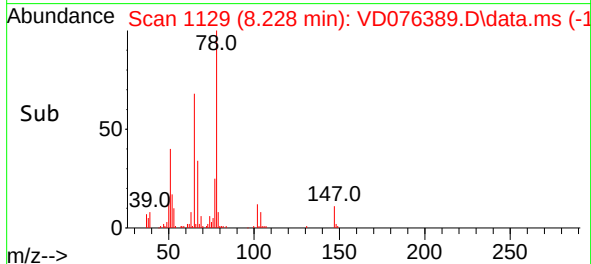
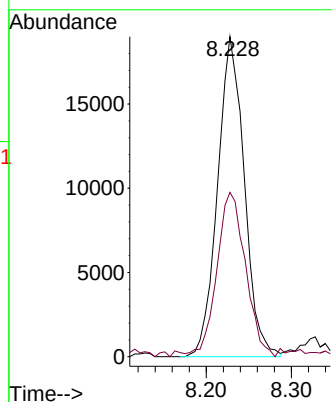
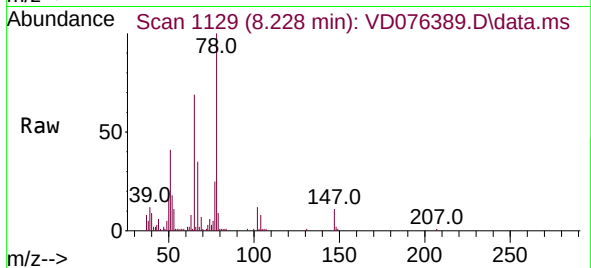
#33
1,2-Dichloroethane-d4
Concen: 10.763 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD076389.D
Acq: 12 Jun 2023 12:48

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion: 65 Resp: 41390
Ion Ratio Lower Upper
65 100
67 55.0 0.0 115.0

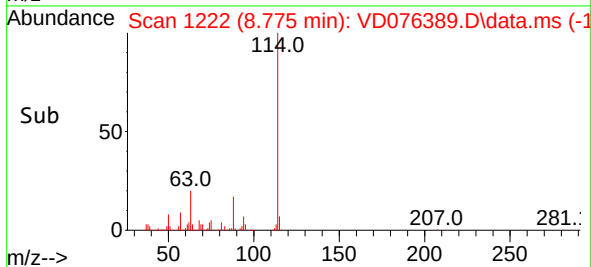
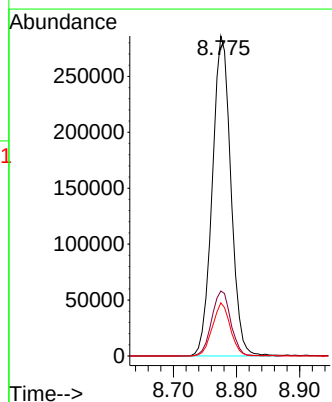
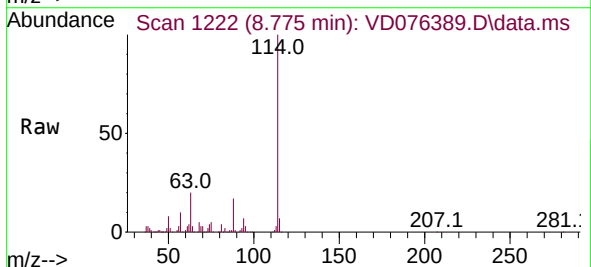
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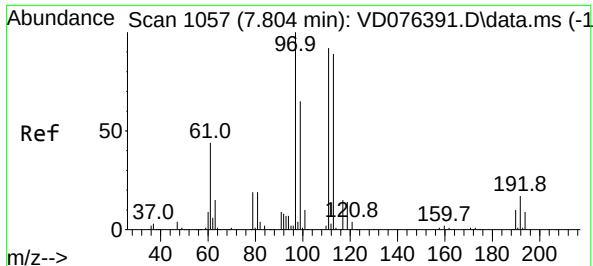
Reviewed By :Krupa Patel 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD076389.D
Acq: 12 Jun 2023 12:48

Tgt Ion:114 Resp: 584682
Ion Ratio Lower Upper
114 100
63 20.3 0.0 33.4
88 16.6 0.0 26.2





#35

Dibromofluoromethane

Concen: 10.315 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD076389.D

Acq: 12 Jun 2023 12:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tgt Ion: 113 Resp: 38980

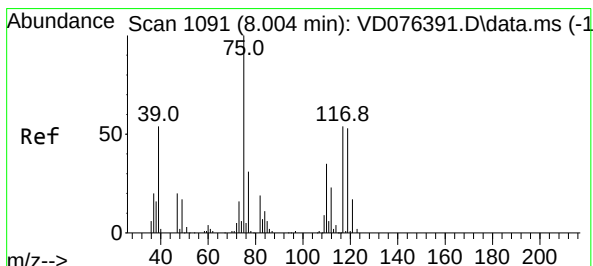
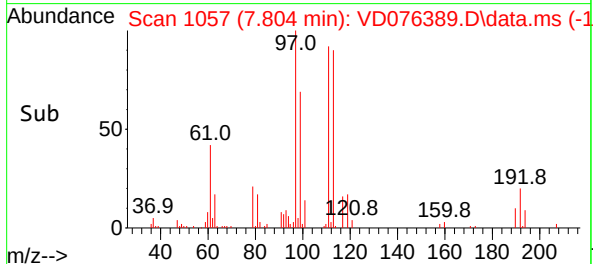
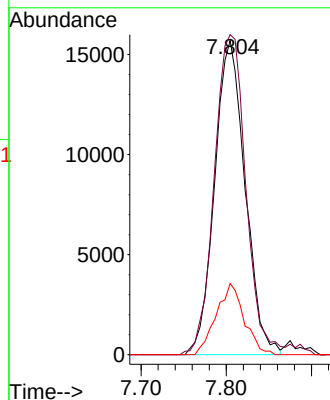
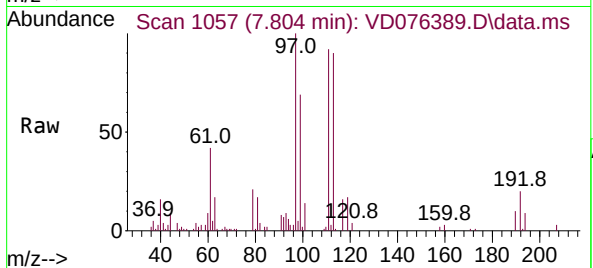
Ion	Ratio	Lower	Upper
113	100		
111	105.5	84.7	127.1
192	20.8	16.8	25.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/13/2023

Supervised By :Mahesh Dadoda 06/13/2023



#36

1,1-Dichloropropene

Concen: 9.776 ug/l

RT: 8.004 min Scan# 1091

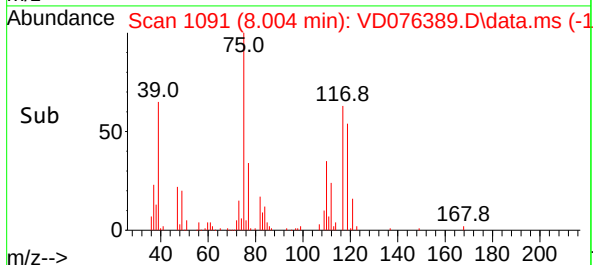
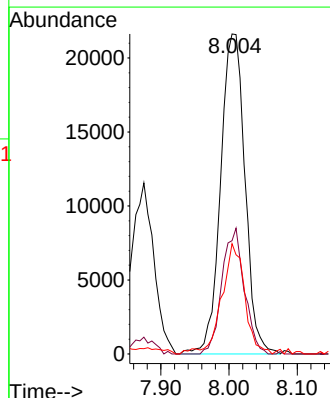
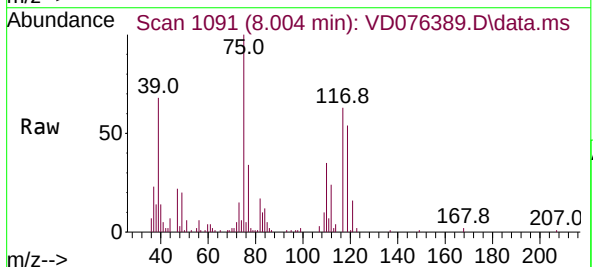
Delta R.T. 0.000 min

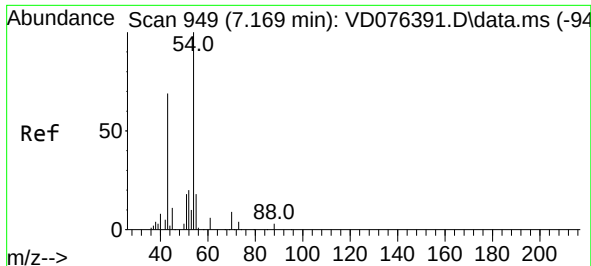
Lab File: VD076389.D

Acq: 12 Jun 2023 12:48

Tgt Ion: 75 Resp: 53922

Ion	Ratio	Lower	Upper
75	100		
110	35.9	19.9	59.6
77	32.5	24.7	37.1





#37

Ethyl Acetate

Concen: 9.670 ug/l

RT: 7.163 min Scan# 949

Delta R.T. -0.006 min

Lab File: VD076389.D

Acq: 12 Jun 2023 12:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

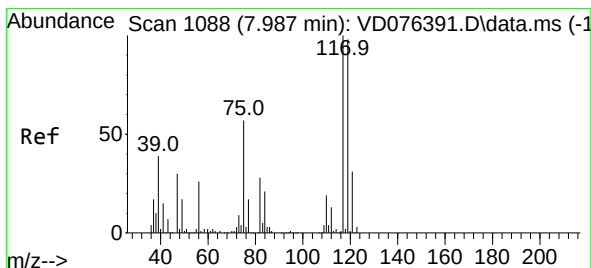
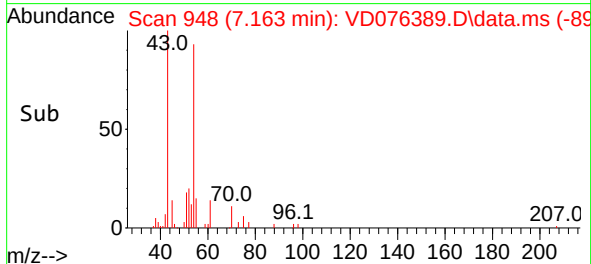
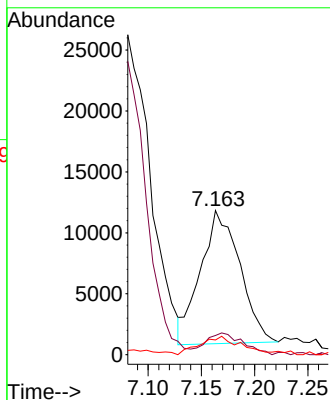
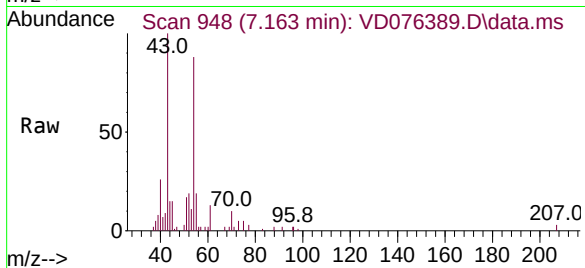
Tgt Ion:	43	Resp:	2805
Ion	Ratio	Lower	Upper
43	100		
61	15.4	14.9	22.3
70	14.3	10.0	15.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/13/2023

Supervised By :Mahesh Dadoda 06/13/2023



#38

Carbon Tetrachloride

Concen: 9.615 ug/l

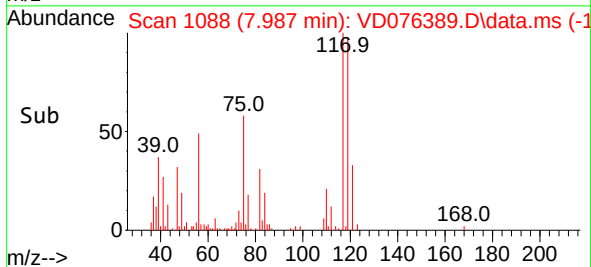
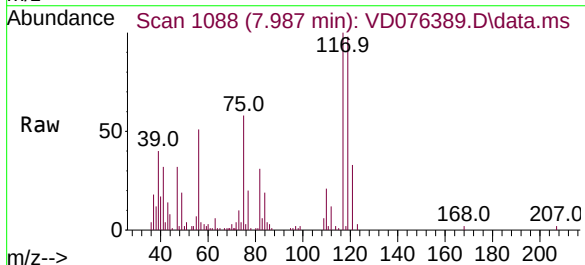
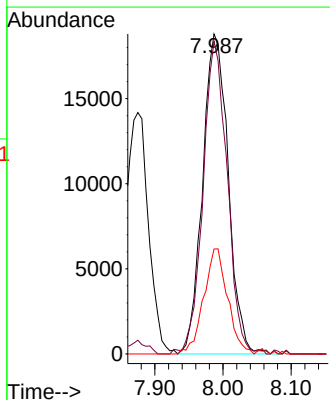
RT: 7.987 min Scan# 1088

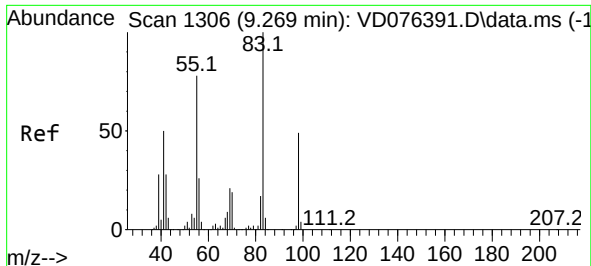
Delta R.T. 0.000 min

Lab File: VD076389.D

Acq: 12 Jun 2023 12:48

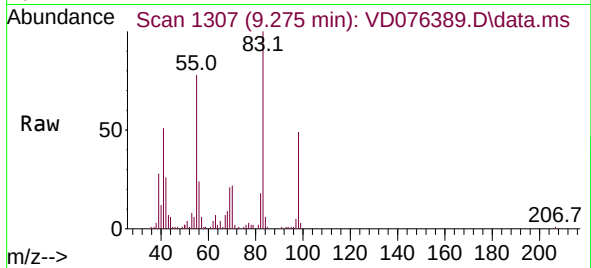
Tgt Ion:	117	Resp:	49240
Ion	Ratio	Lower	Upper
117	100		
119	96.8	78.0	117.0
121	32.8	24.2	36.2





#39
Methylcyclohexane
Concen: 9.832 ug/l
RT: 9.275 min Scan# 1137
Delta R.T. 0.006 min
Lab File: VD076389.D
Acq: 12 Jun 2023 12:48

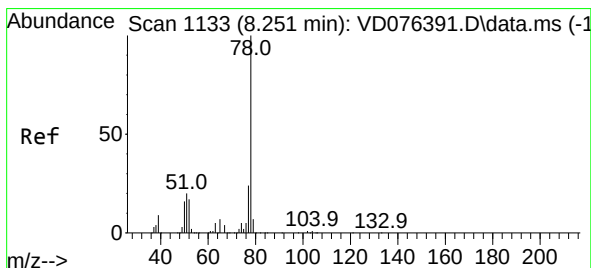
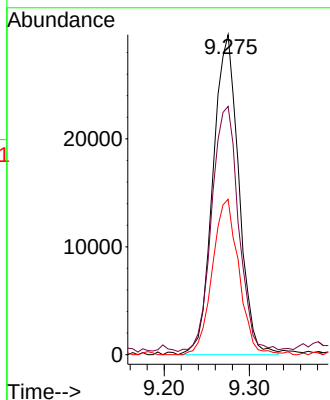
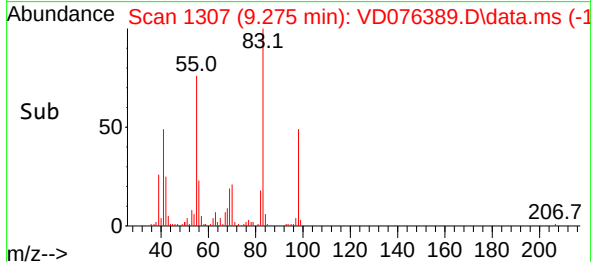
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



Tgt Ion: 83 Resp: 62440
Ion Ratio Lower Upper
83 100
55 76.6 49.4 74.0
98 48.6 38.4 57.6

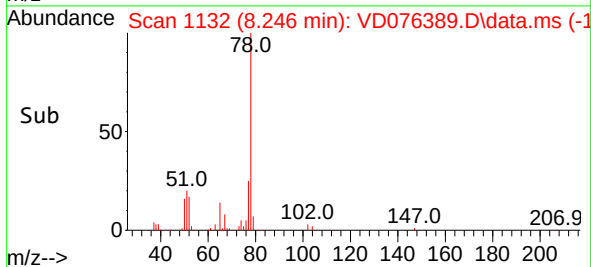
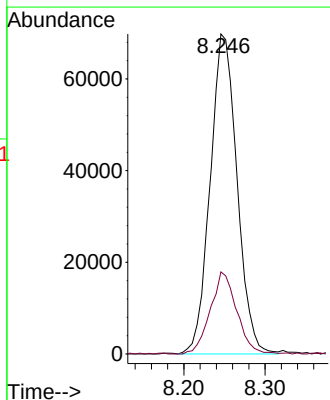
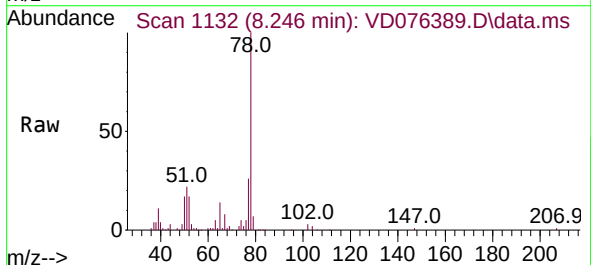
Manual Integrations
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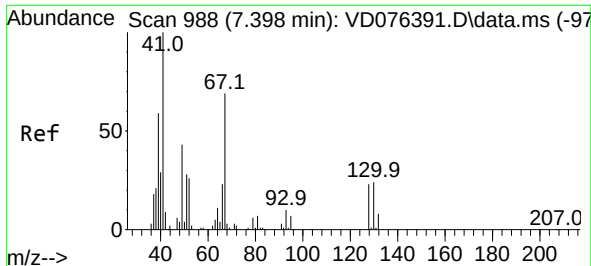
Reviewed By :Krupa Patel 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023



#40
Benzene
Concen: 10.014 ug/l
RT: 8.246 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VD076389.D
Acq: 12 Jun 2023 12:48

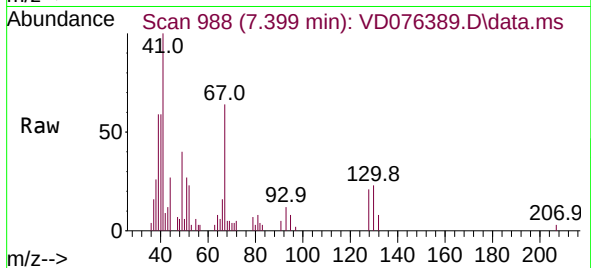
Tgt Ion: 78 Resp: 160580
Ion Ratio Lower Upper
78 100
77 25.7 19.4 29.0





#41
Methacrylonitrile
Concen: 11.100 ug/l
RT: 7.399 min Scan# 911
Delta R.T. 0.000 min
Lab File: VD076389.D
Acq: 12 Jun 2023 12:48

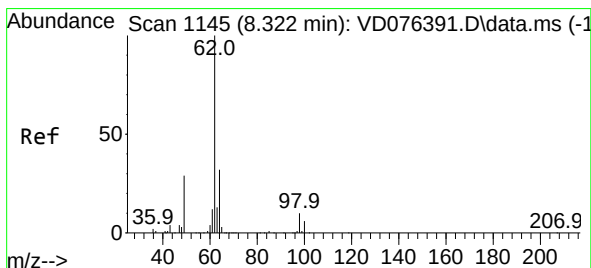
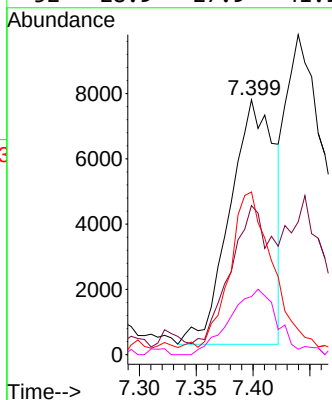
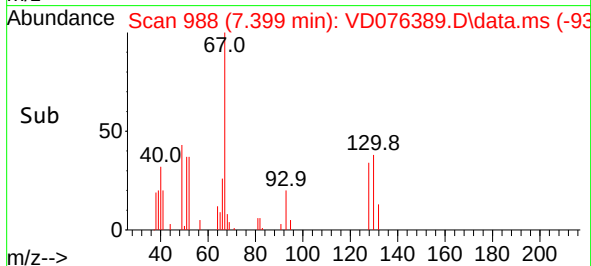
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



Tgt Ion: 41 Resp: 20600
Ion Ratio Lower Upper
41 100
39 52.1 34.0 51.0
67 69.0 77.0 115.4
52 28.9 27.9 41.9

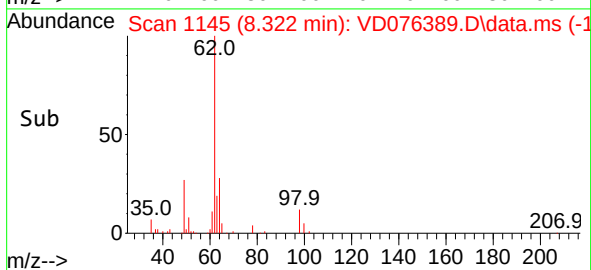
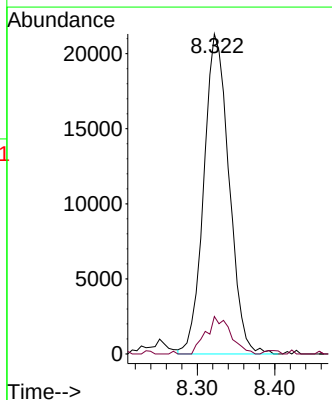
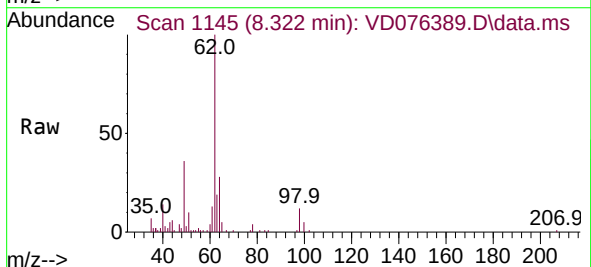
Manual Integrations
APPROVED

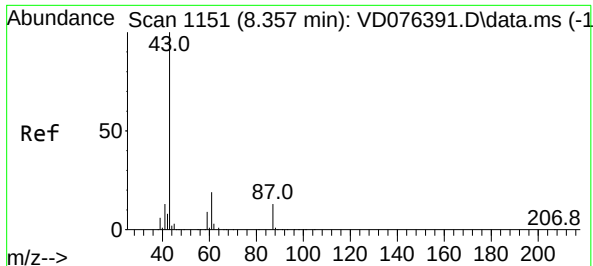
Reviewed By :Krupa Patel 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023



#42
1,2-Dichloroethane
Concen: 10.105 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD076389.D
Acq: 12 Jun 2023 12:48

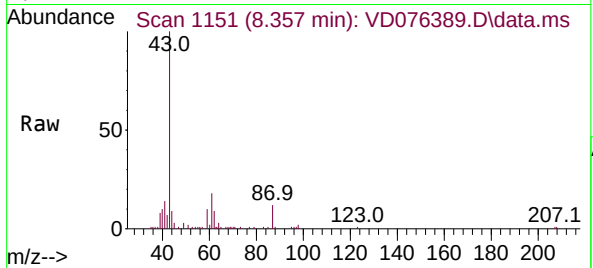
Tgt Ion: 62 Resp: 48253
Ion Ratio Lower Upper
62 100
98 11.4 0.0 25.4





#43
Isopropyl Acetate
Concen: 10.199 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VD076389.D
Acq: 12 Jun 2023 12:48

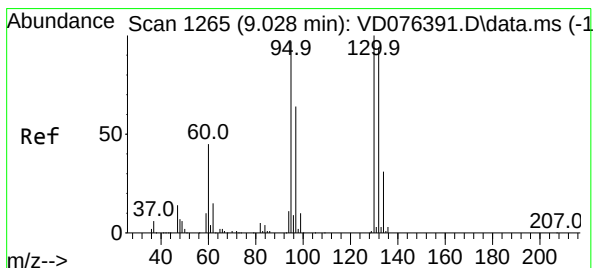
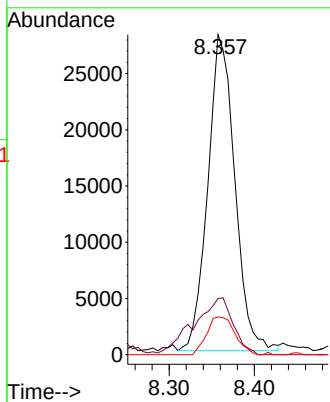
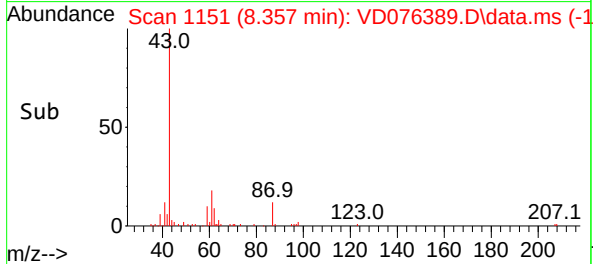
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 62035
Ion Ratio Lower Upper
43 100
61 26.2 31.4 47.0
87 12.4 14.9 22.3

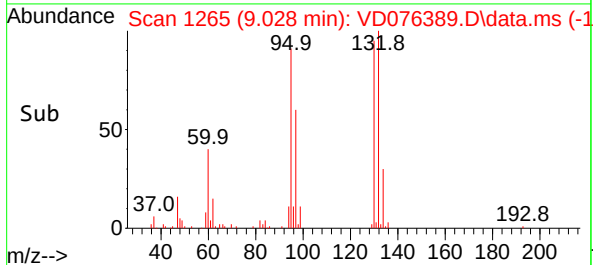
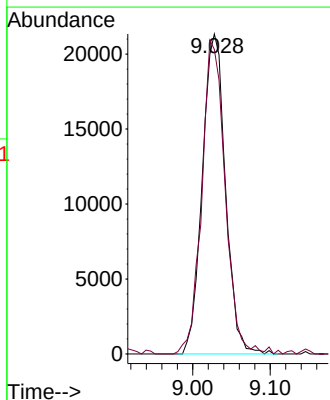
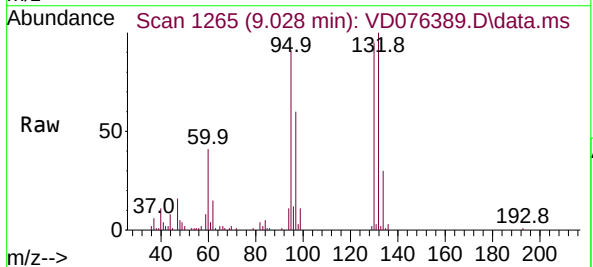
Manual Integrations
APPROVED

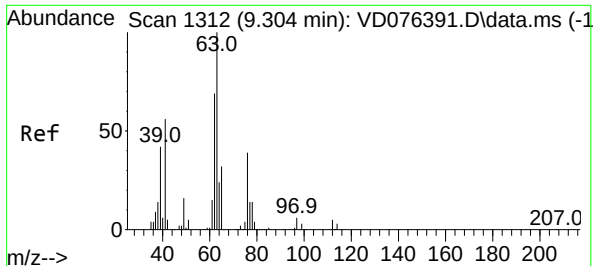
Reviewed By :Krupa Patel 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023



#44
Trichloroethene
Concen: 10.179 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD076389.D
Acq: 12 Jun 2023 12:48

Tgt Ion:130 Resp: 44247
Ion Ratio Lower Upper
130 100
95 94.4 0.0 179.2





#45

1,2-Dichloropropane

Concen: 9.934 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD076389.D

Acq: 12 Jun 2023 12:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tgt Ion: 63 Resp: 4233

Ion Ratio Lower Upper

63 100

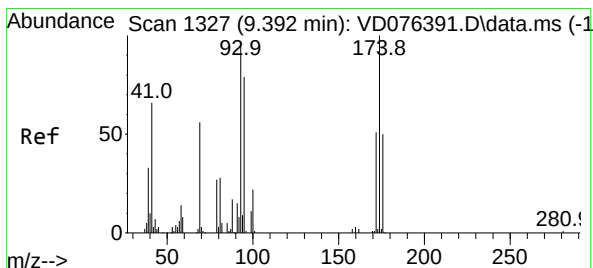
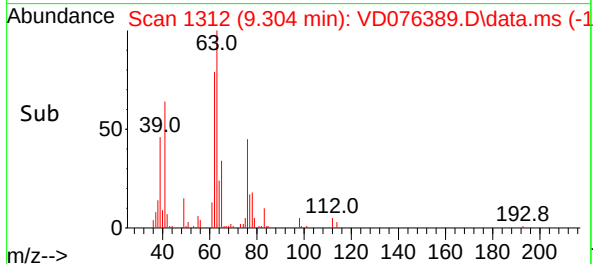
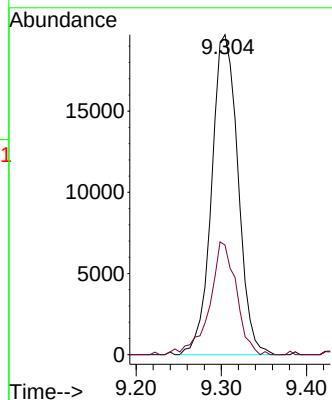
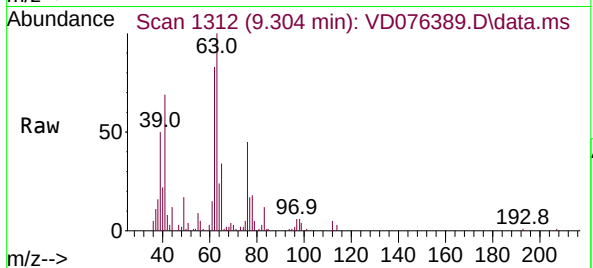
65 34.3 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/13/2023

Supervised By :Mahesh Dadoda 06/13/2023



#46

Dibromomethane

Concen: 10.105 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD076389.D

Acq: 12 Jun 2023 12:48

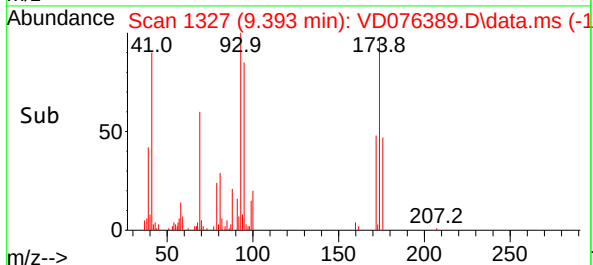
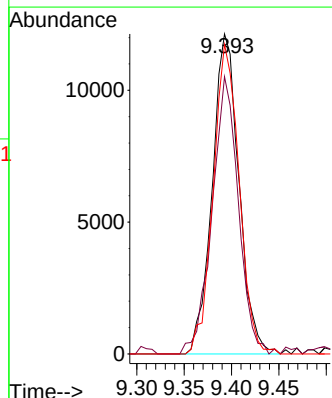
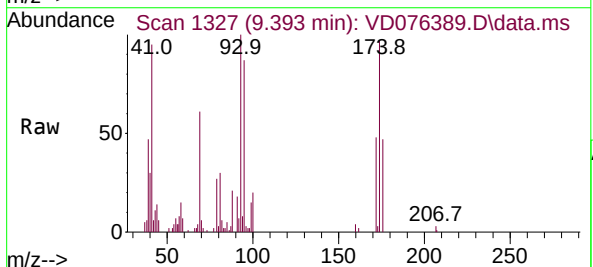
Tgt Ion: 93 Resp: 23767

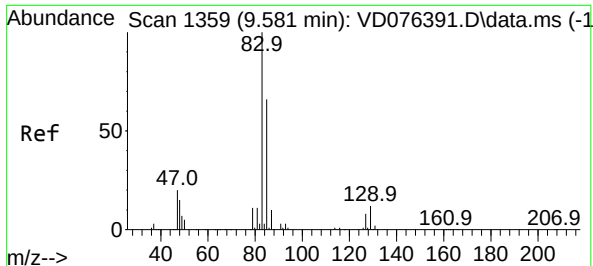
Ion Ratio Lower Upper

93 100

95 85.5 67.7 101.5

174 94.6 85.4 128.2





#47

Bromodichloromethane

Concen: 10.293 ug/l

RT: 9.587 min Scan# 1360

Delta R.T. 0.006 min

Lab File: VD076389.D

Acq: 12 Jun 2023 12:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

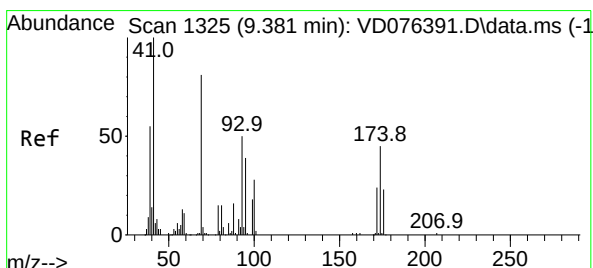
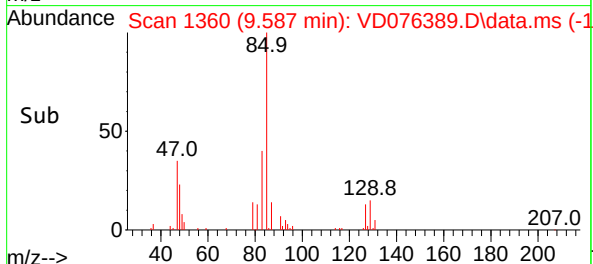
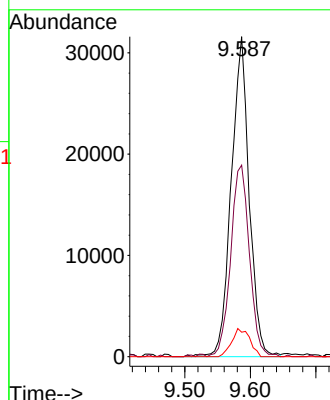
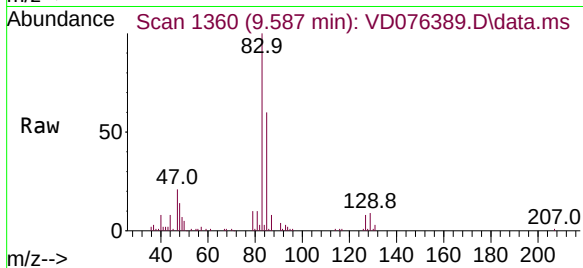
Tgt Ion: 83	Resp: 5996
Ion Ratio	Lower Upper
83 100	
85 59.9	50.2 75.4
127 7.6	6.3 9.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/13/2023

Supervised By :Mahesh Dadoda 06/13/2023



#48

Methyl methacrylate

Concen: 10.525 ug/l

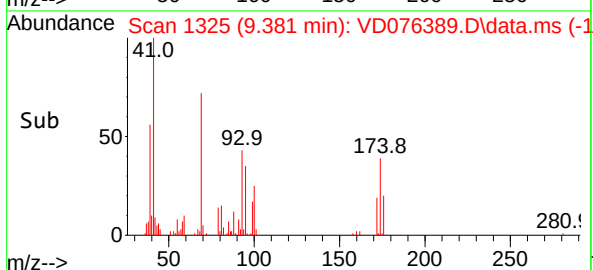
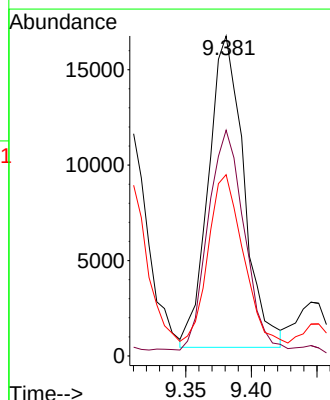
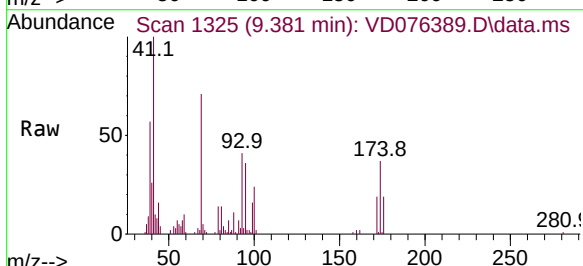
RT: 9.381 min Scan# 1325

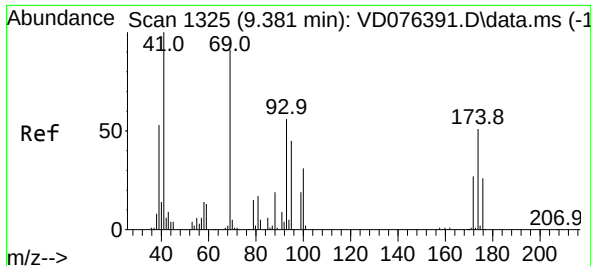
Delta R.T. 0.000 min

Lab File: VD076389.D

Acq: 12 Jun 2023 12:48

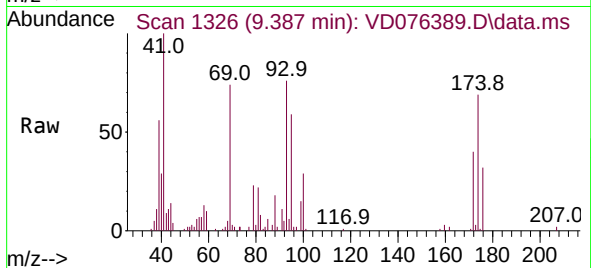
Tgt Ion: 41	Resp: 30685
Ion Ratio	Lower Upper
41 100	
69 73.7	102.2 153.2
39 60.8	41.4 62.2





#49
1,4-Dioxane
Concen: 213.724 ug/l
RT: 9.387 min Scan# 1325
Delta R.T. 0.006 min
Lab File: VD076389.D
Acq: 12 Jun 2023 12:48

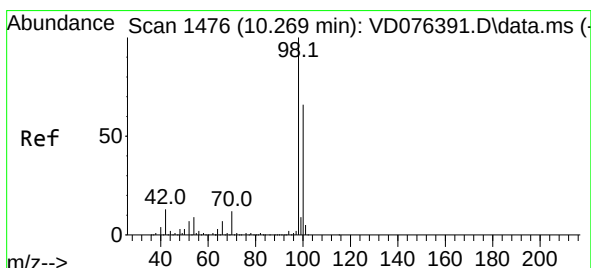
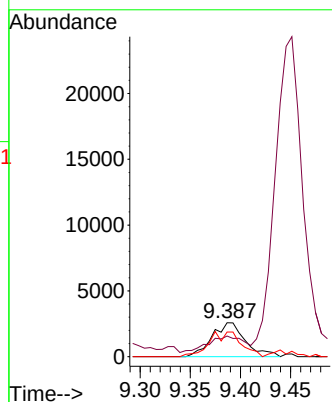
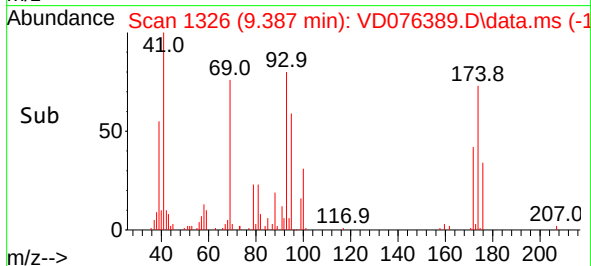
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



Tgt Ion: 88 Resp: 5964
Ion Ratio Lower Upper
88 100
43 41.1 19.0 28.6
58 70.3 43.5 65.3

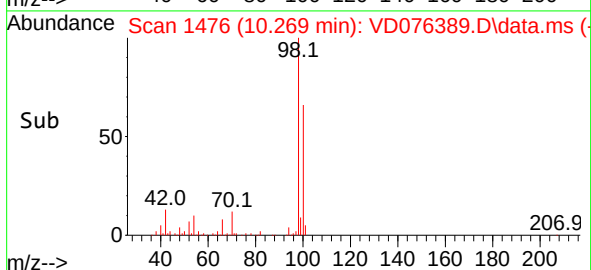
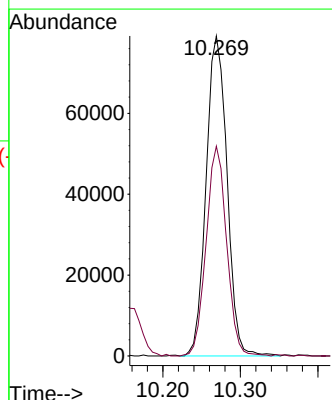
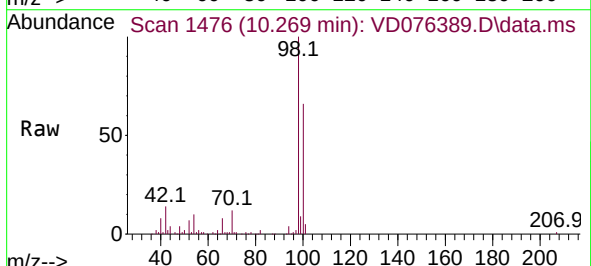
Manual Integrations
APPROVED

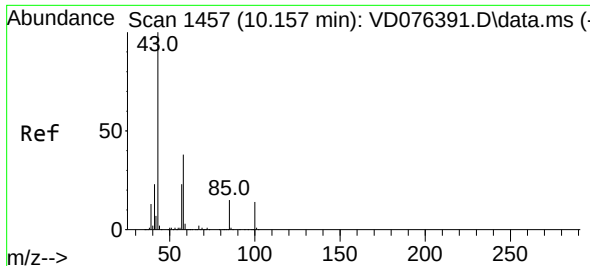
Reviewed By :Krupa Patel 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023



#50
Toluene-d8
Concen: 10.342 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076389.D
Acq: 12 Jun 2023 12:48

Tgt Ion: 98 Resp: 148104
Ion Ratio Lower Upper
98 100
100 64.2 50.3 75.5





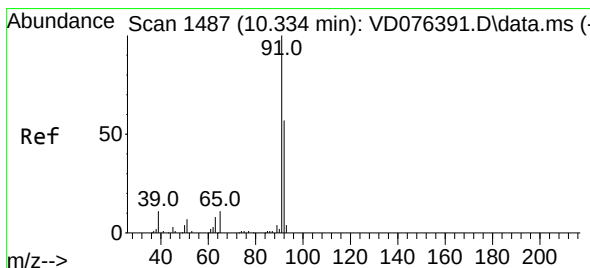
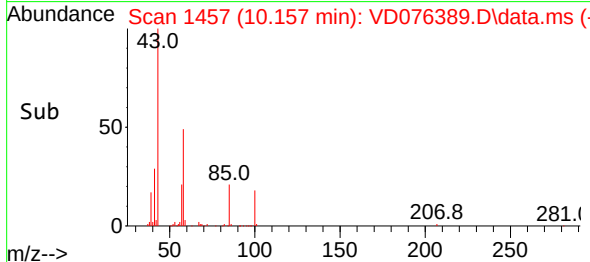
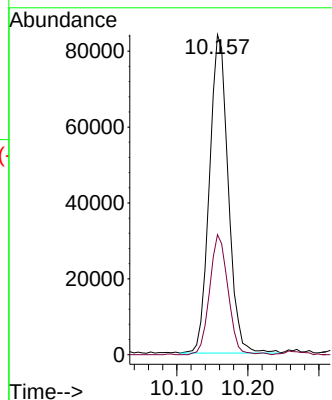
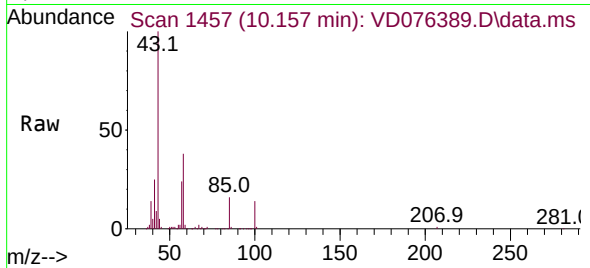
#51
4-Methyl-2-Pentanone
Concen: 51.023 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076389.D
Acq: 12 Jun 2023 12:48

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

Tgt Ion: 43 Resp: 154144
Ion Ratio Lower Upper
43 100
58 36.5 38.9 58.3

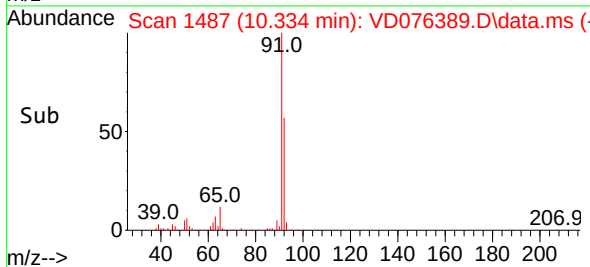
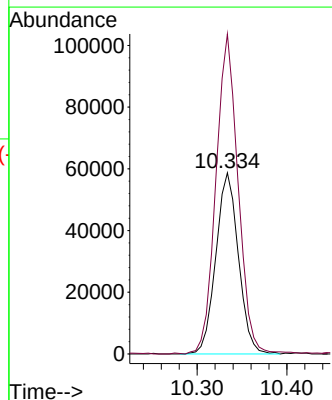
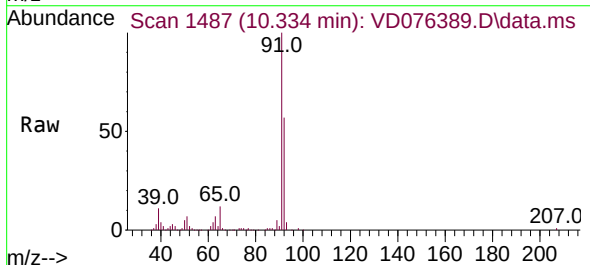
Manual Integrations
APPROVED

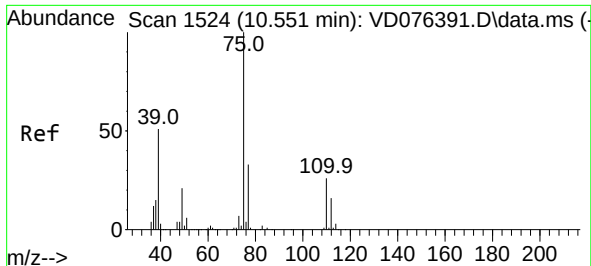
Reviewed By :Krupa Patel 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023



#52
Toluene
Concen: 10.102 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD076389.D
Acq: 12 Jun 2023 12:48

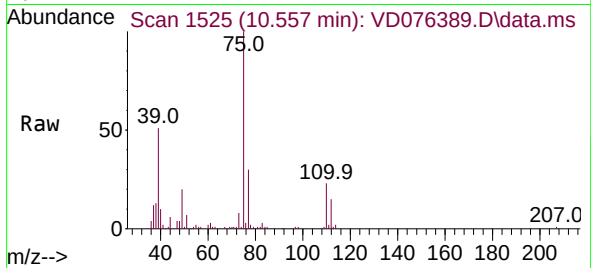
Tgt Ion: 92 Resp: 102406
Ion Ratio Lower Upper
92 100
91 173.9 143.0 214.4





#53
t-1,3-Dichloropropene
Concen: 10.016 ug/l
RT: 10.557 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VD076389.D
Acq: 12 Jun 2023 12:48

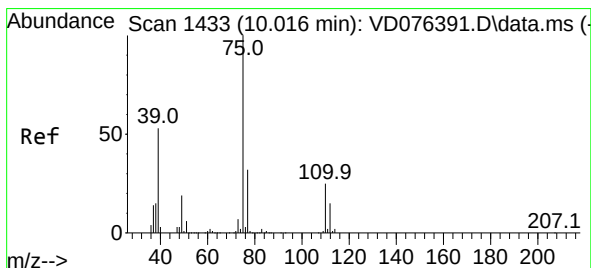
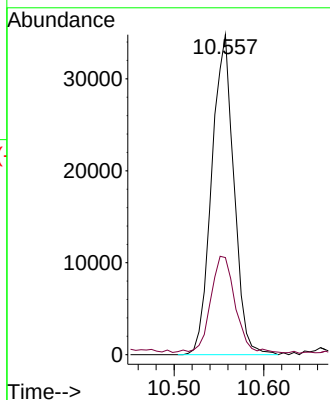
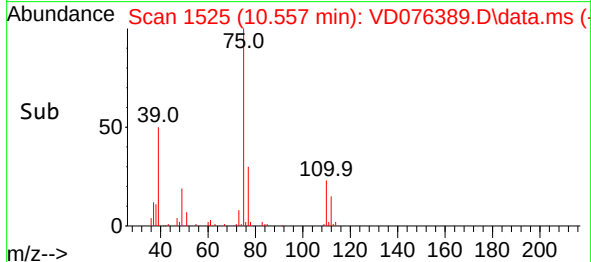
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



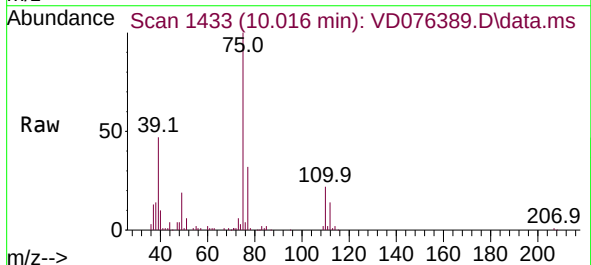
Tgt Ion: 75 Resp: 59684
Ion Ratio Lower Upper
75 100
77 29.6 25.3 37.9

Manual Integrations
APPROVED

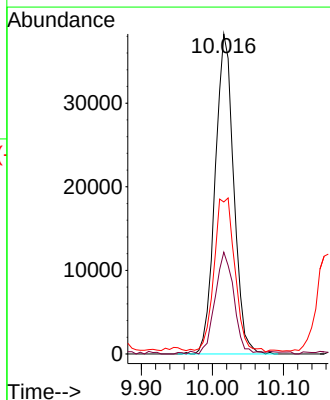
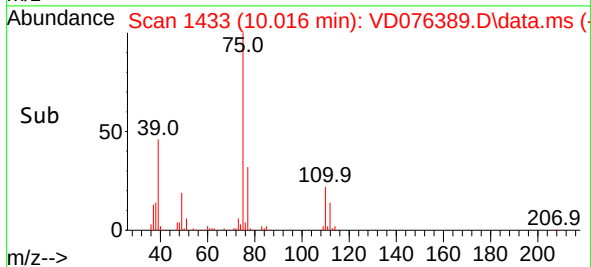
Reviewed By :Krupa Patel 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023

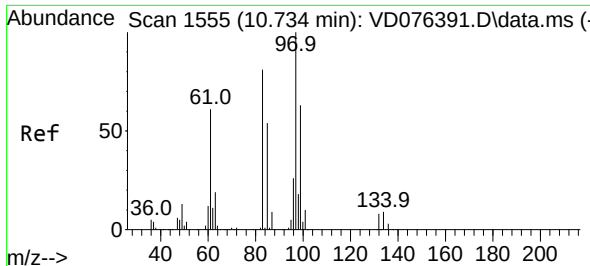


#54
cis-1,3-Dichloropropene
Concen: 10.117 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD076389.D
Acq: 12 Jun 2023 12:48



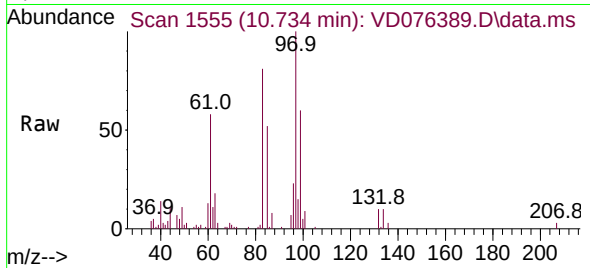
Tgt Ion: 75 Resp: 69330
Ion Ratio Lower Upper
75 100
77 31.4 25.5 38.3
39 46.4 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 10.454 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD076389.D
Acq: 12 Jun 2023 12:48

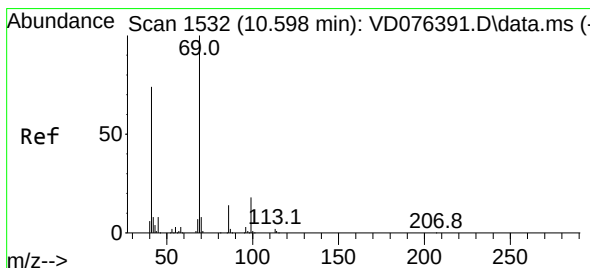
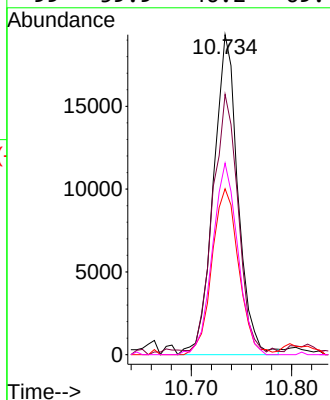
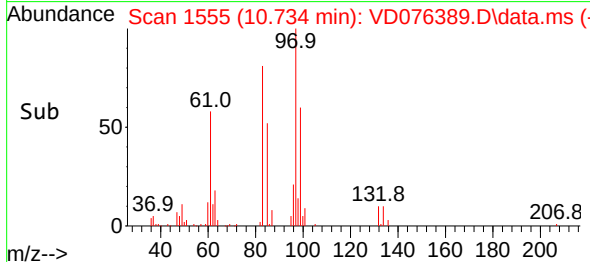
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



Tgt Ion	Ratio	Lower	Upper
97	100		
83	80.3	65.8	98.6
85	51.8	45.7	68.5
99	59.9	46.2	69.4

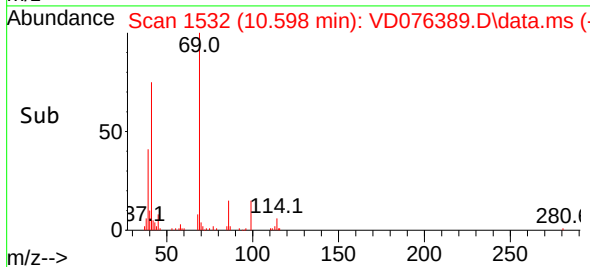
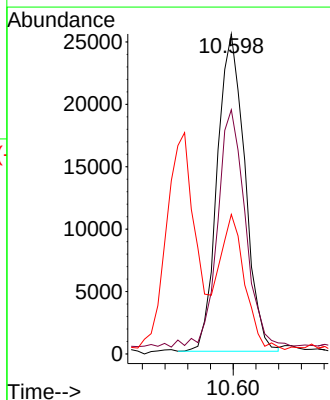
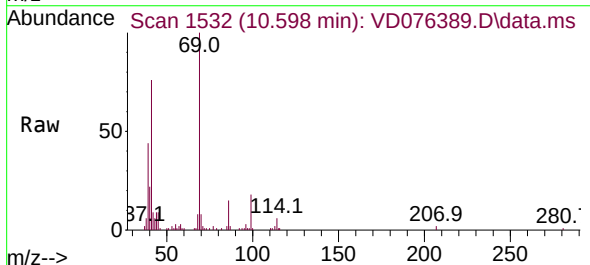
Manual Integrations
APPROVED

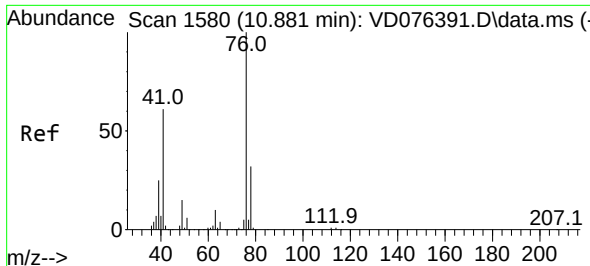
Reviewed By :Krupa Patel 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023



#56
Ethyl methacrylate
Concen: 9.849 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD076389.D
Acq: 12 Jun 2023 12:48

Tgt Ion	Ratio	Lower	Upper
69	100		
41	74.6	39.1	58.7#
39	38.5	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 10.333 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD076389.D

Acq: 12 Jun 2023 12:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tgt Ion: 76 Resp: 5646

Ion Ratio Lower Upper

76 100

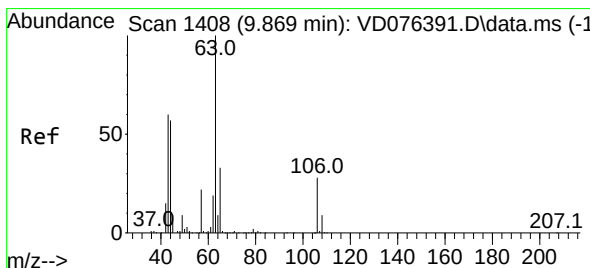
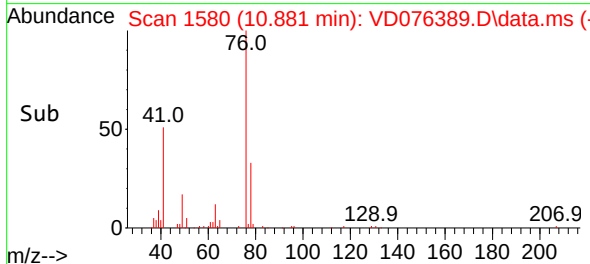
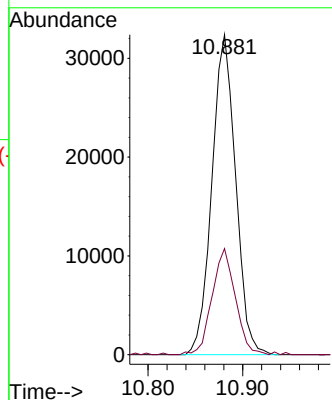
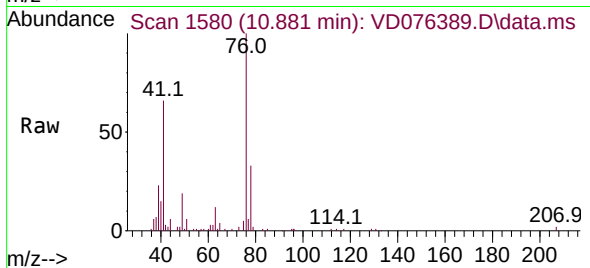
78 32.5 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/13/2023

Supervised By :Mahesh Dadoda 06/13/2023



#58

2-Chloroethyl Vinyl ether

Concen: 50.653 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD076389.D

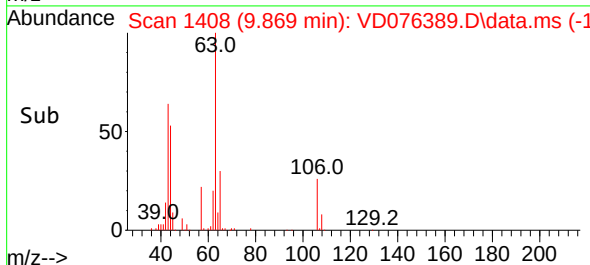
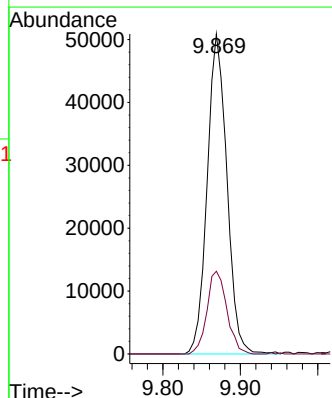
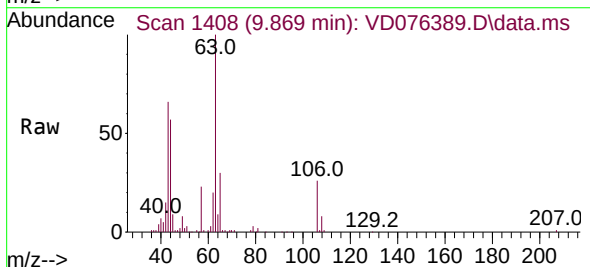
Acq: 12 Jun 2023 12:48

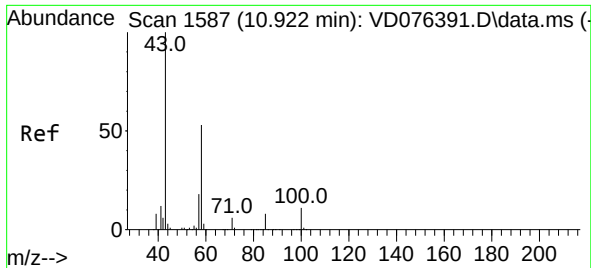
Tgt Ion: 63 Resp: 90015

Ion Ratio Lower Upper

63 100

106 26.1 25.3 37.9





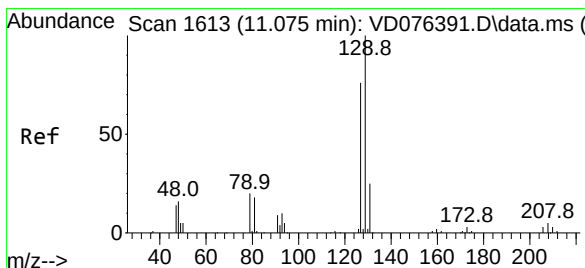
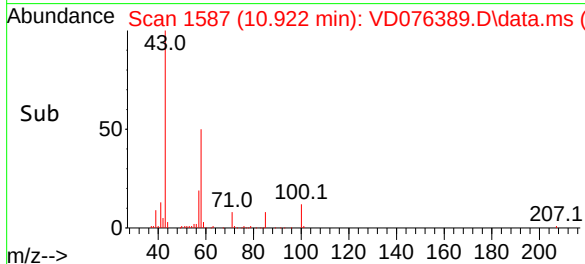
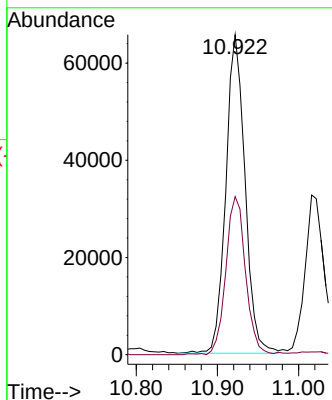
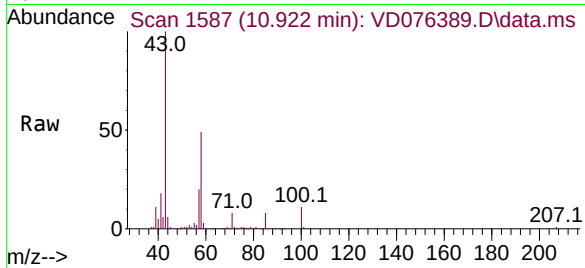
#59
2-Hexanone
Concen: 50.681 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD076389.D
Acq: 12 Jun 2023 12:48

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 107325
Ion Ratio Lower Upper
43 100
58 50.4 34.1 102.2

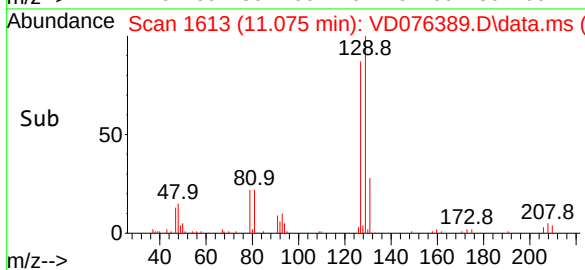
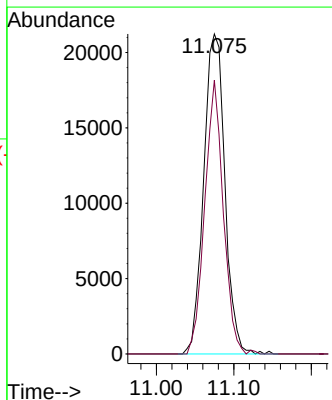
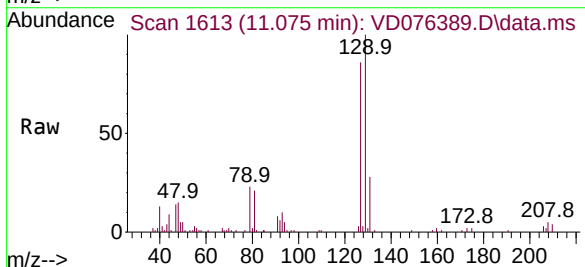
Manual Integrations
APPROVED

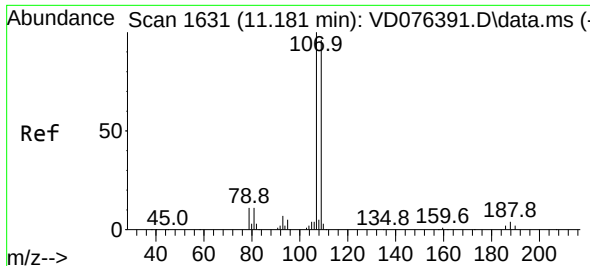
Reviewed By :Krupa Patel 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023



#60
Dibromochloromethane
Concen: 10.385 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD076389.D
Acq: 12 Jun 2023 12:48

Tgt Ion:129 Resp: 40366
Ion Ratio Lower Upper
129 100
127 74.5 37.1 111.5





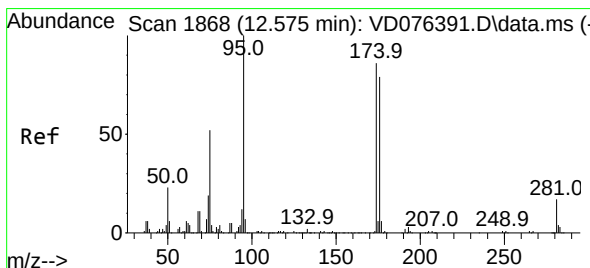
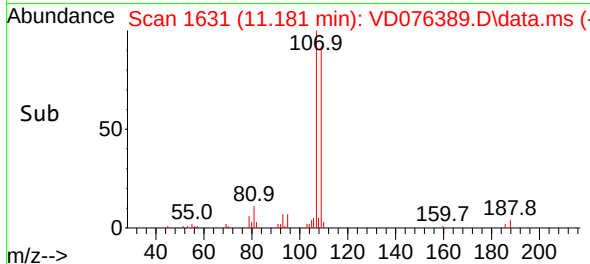
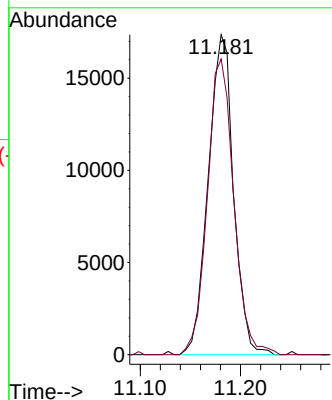
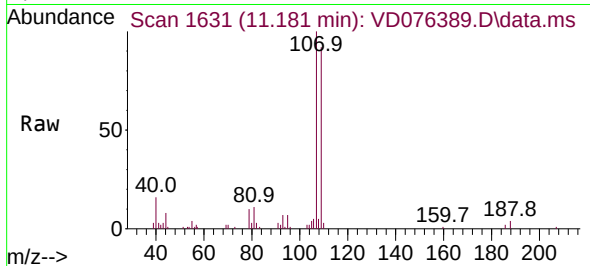
#61
1,2-Dibromoethane
Concen: 10.004 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD076389.D
Acq: 12 Jun 2023 12:48

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion:107 Resp: 3049
Ion Ratio Lower Upper
107 100
109 96.2 75.6 113.4

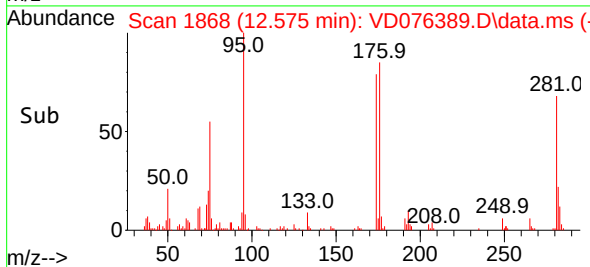
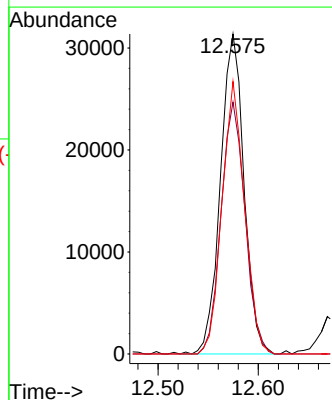
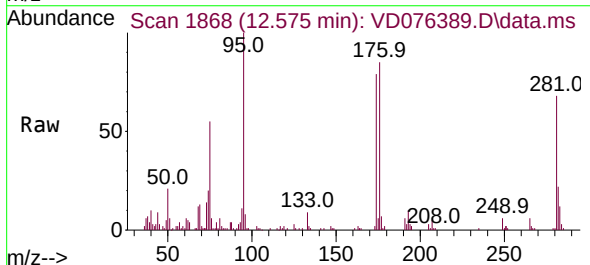
Manual Integrations
APPROVED

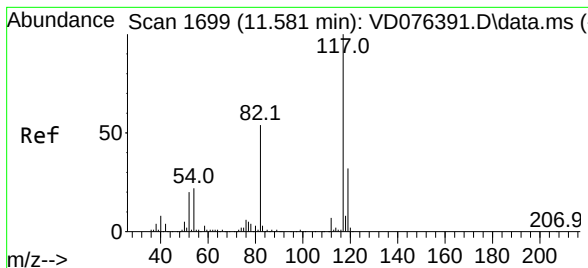
Reviewed By :Krupa Patel 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023



#62
4-Bromofluorobenzene
Concen: 10.417 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD076389.D
Acq: 12 Jun 2023 12:48

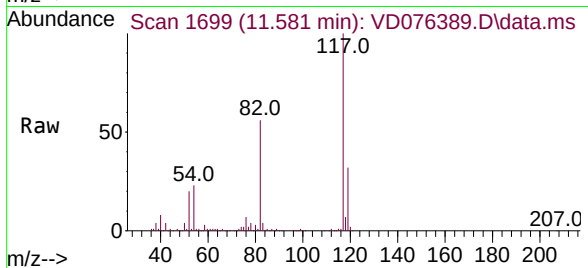
Tgt Ion: 95 Resp: 51178
Ion Ratio Lower Upper
95 100
174 79.5 0.0 201.8
176 81.2 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD076389.D
Acq: 12 Jun 2023 12:48

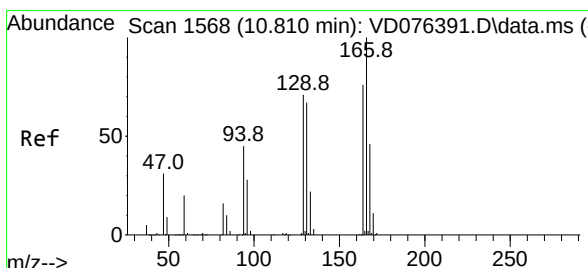
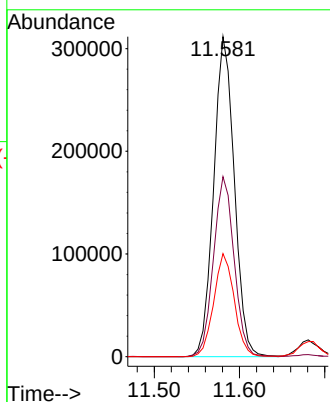
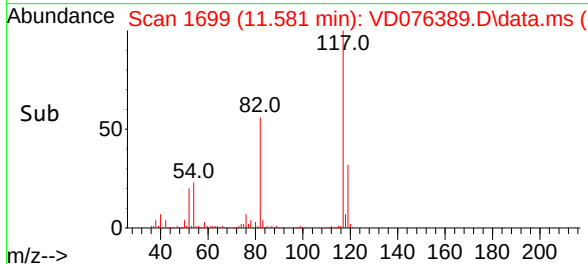
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



Tgt Ion:117 Resp: 52400
Ion Ratio Lower Upper
117 100
82 56.2 38.3 57.5
119 32.2 25.0 37.4

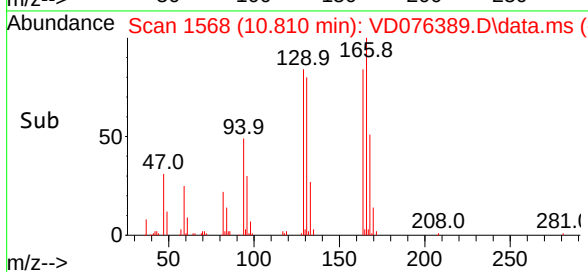
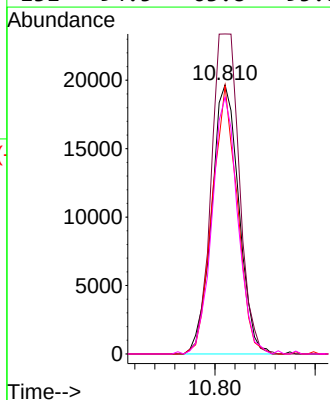
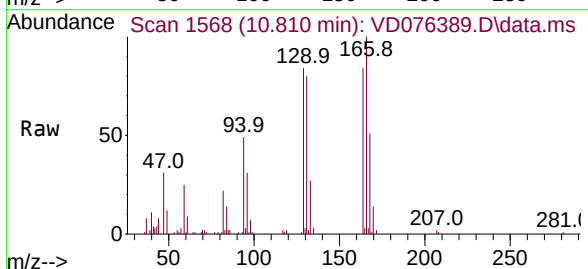
Manual Integrations
APPROVED

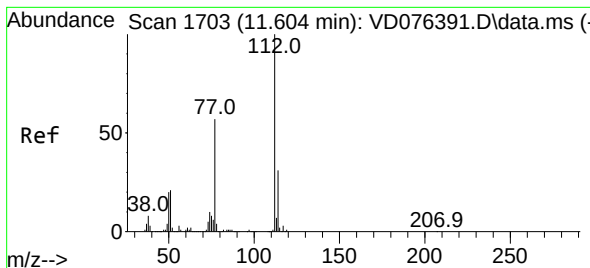
Reviewed By :Krupa Patel 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023



#64
Tetrachloroethene
Concen: 10.310 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076389.D
Acq: 12 Jun 2023 12:48

Tgt Ion:164 Resp: 37091
Ion Ratio Lower Upper
164 100
166 118.9 99.2 148.8
129 99.5 68.4 102.6
131 94.5 63.8 95.8





#65

Chlorobenzene

Concen: 10.106 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.006 min

Lab File: VD076389.D

Acq: 12 Jun 2023 12:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

Tgt Ion:112 Resp: 109772

Ion Ratio Lower Upper

112 100

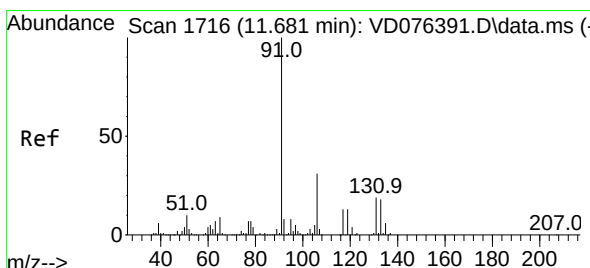
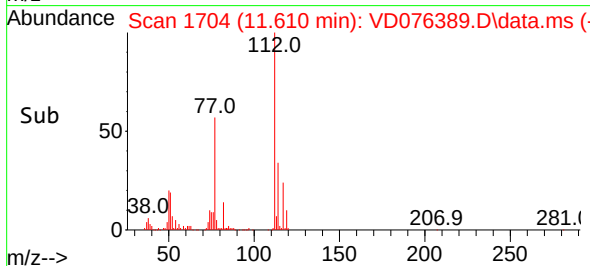
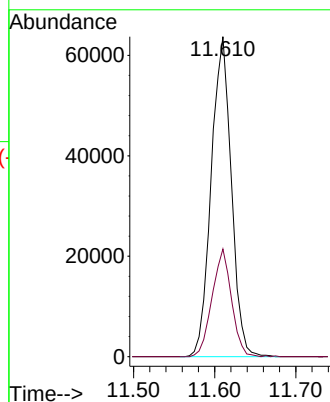
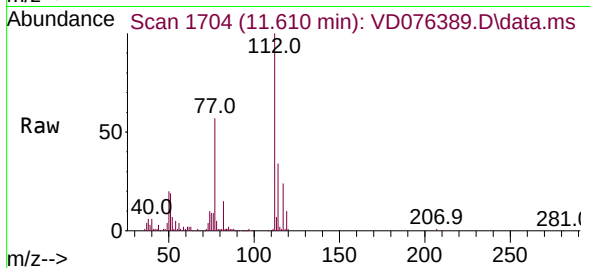
114 33.6 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/13/2023

Supervised By :Mahesh Dadoda 06/13/2023



#66

1,1,1,2-Tetrachloroethane

Concen: 9.973 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD076389.D

Acq: 12 Jun 2023 12:48

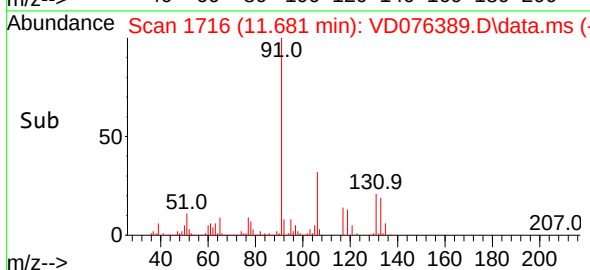
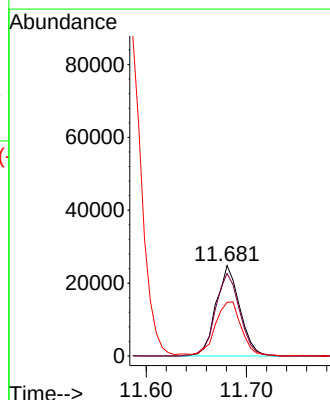
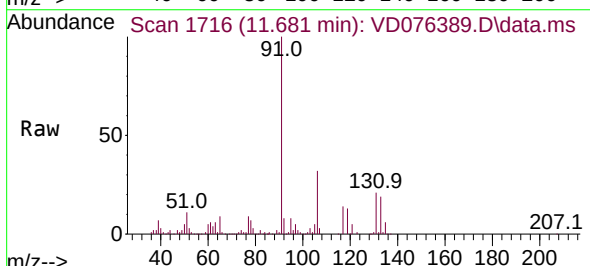
Tgt Ion:131 Resp: 40505

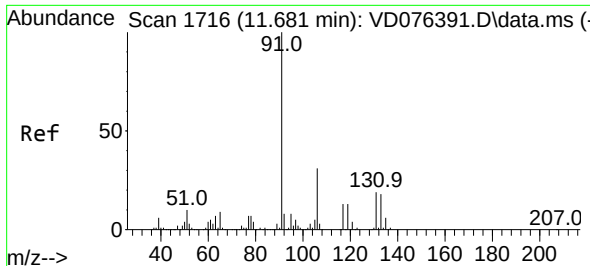
Ion Ratio Lower Upper

131 100

133 94.6 48.5 145.5

119 65.9 35.6 106.9





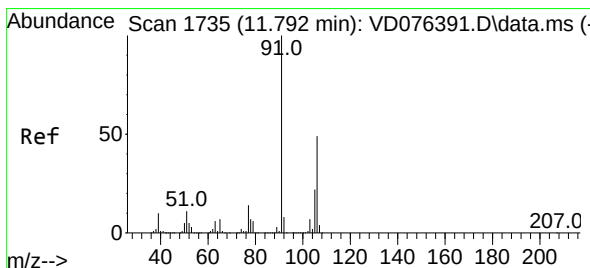
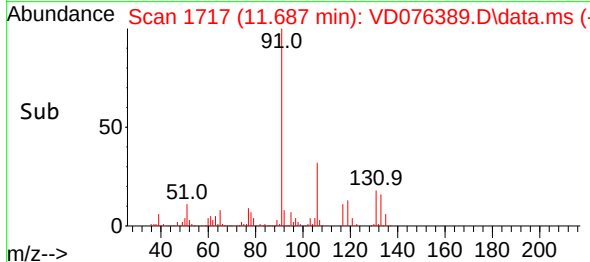
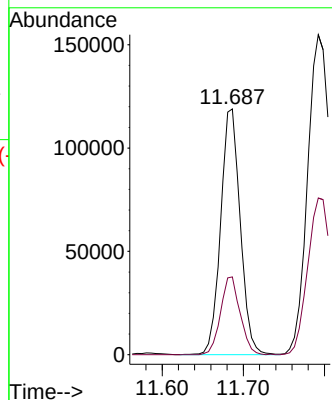
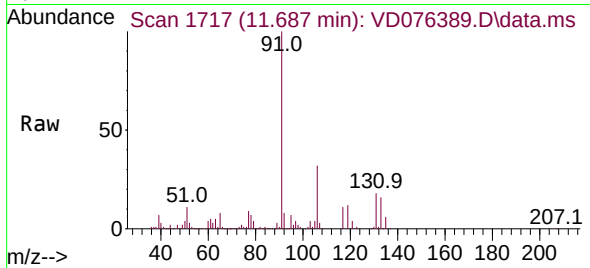
#67
Ethyl Benzene
Concen: 9.993 ug/l
RT: 11.687 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD076389.D
Acq: 12 Jun 2023 12:48

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 19990
Ion Ratio Lower Upper
91 100
106 31.6 26.5 39.7

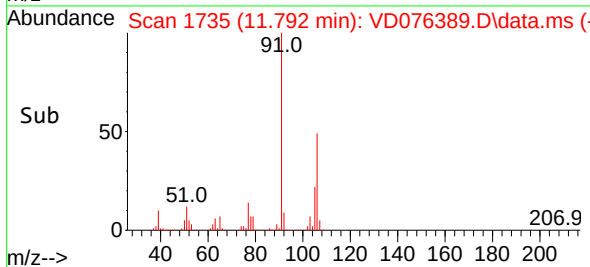
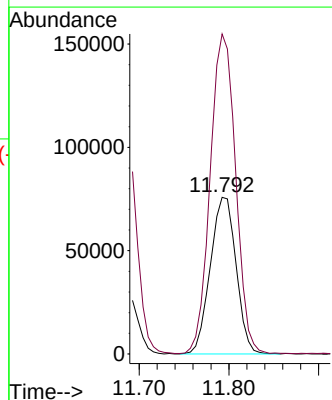
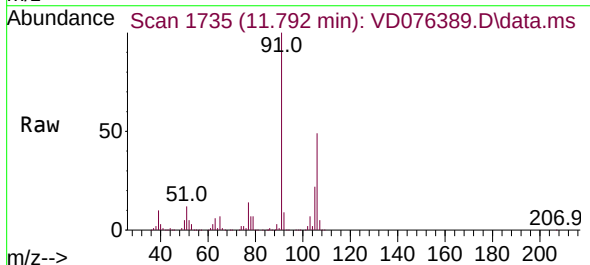
Manual Integrations
APPROVED

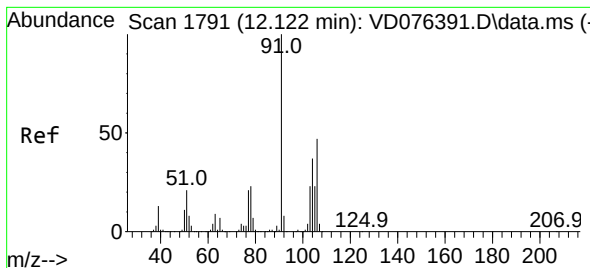
Reviewed By :Krupa Patel 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023



#68
m/p-Xylenes
Concen: 20.009 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD076389.D
Acq: 12 Jun 2023 12:48

Tgt Ion:106 Resp: 151458
Ion Ratio Lower Upper
106 100
91 201.2 147.0 220.6





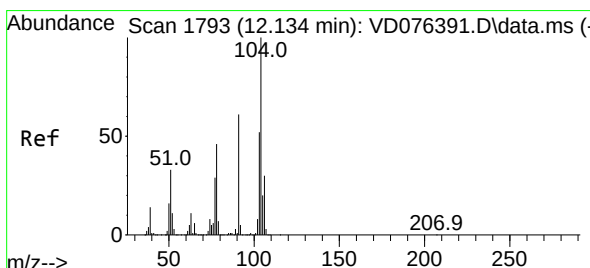
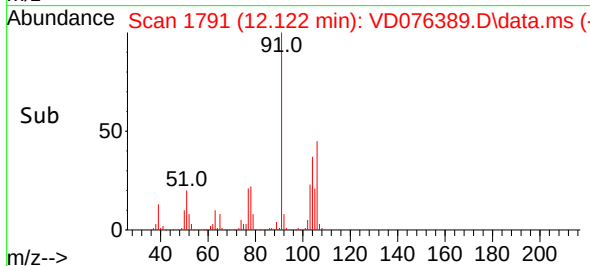
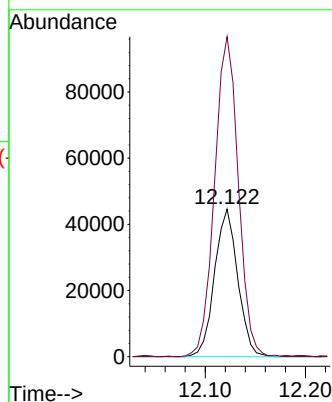
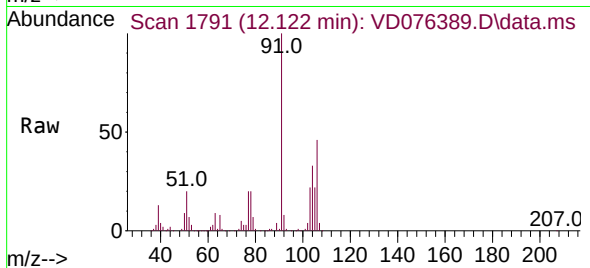
#69
o-Xylene
Concen: 9.843 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD076389.D
Acq: 12 Jun 2023 12:48

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion:106 Resp: 71568
Ion Ratio Lower Upper
106 100
91 222.0 97.9 293.6

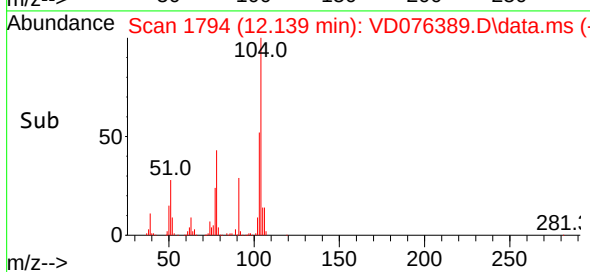
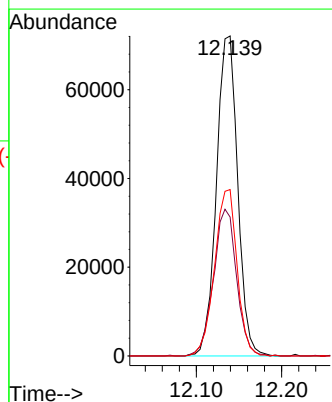
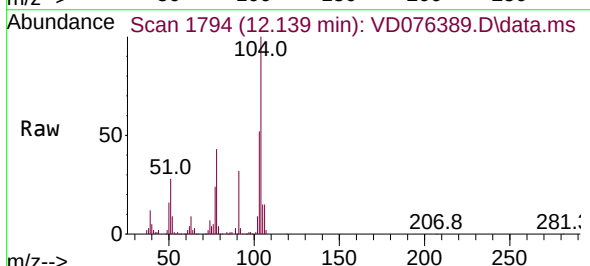
Manual Integrations
APPROVED

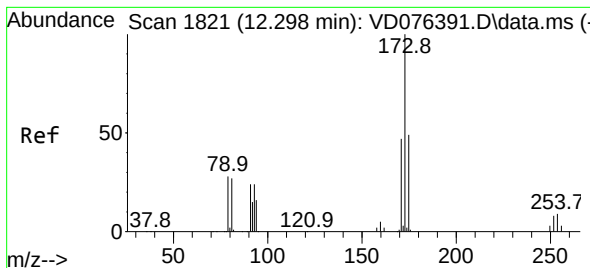
Reviewed By :Krupa Patel 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023



#70
Styrene
Concen: 10.075 ug/l
RT: 12.139 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD076389.D
Acq: 12 Jun 2023 12:48

Tgt Ion:104 Resp: 124987
Ion Ratio Lower Upper
104 100
78 49.8 33.2 49.8#
103 55.2 43.6 65.4





#71

Bromoform

Concen: 10.064 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD076389.D

Acq: 12 Jun 2023 12:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

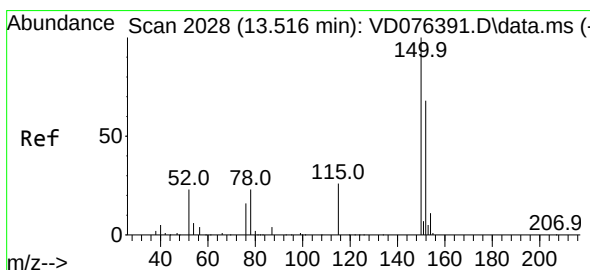
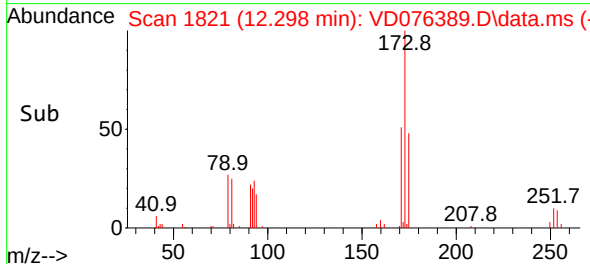
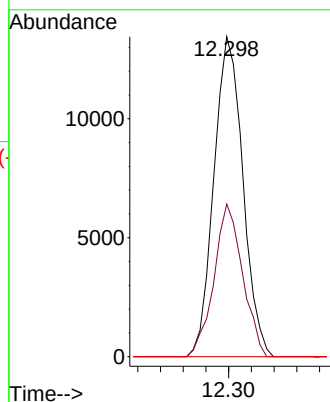
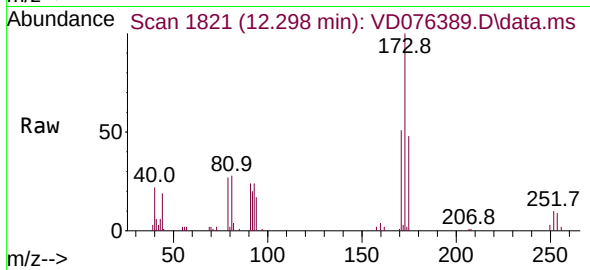
Tgt Ion:173	Resp:	23839
Ion Ratio	Lower	Upper
173	100	
175	47.0	24.6 73.8
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/13/2023

Supervised By :Mahesh Dadoda 06/13/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

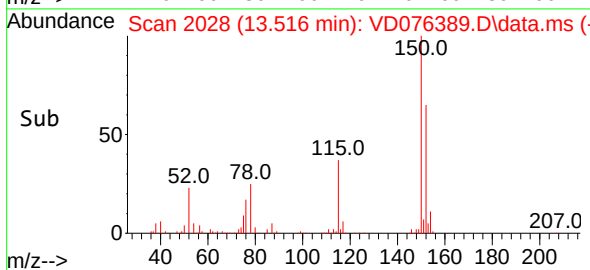
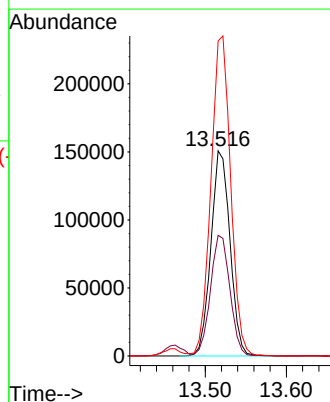
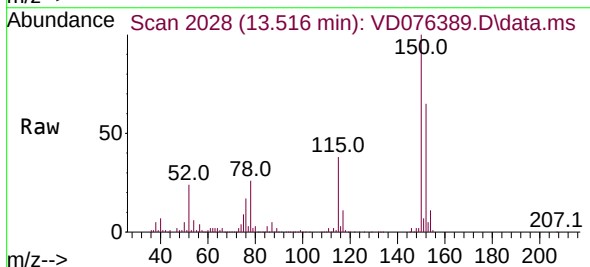
RT: 13.516 min Scan# 2028

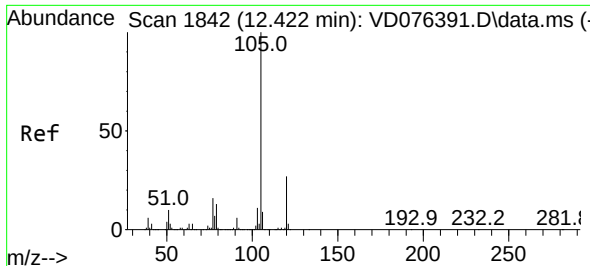
Delta R.T. 0.000 min

Lab File: VD076389.D

Acq: 12 Jun 2023 12:48

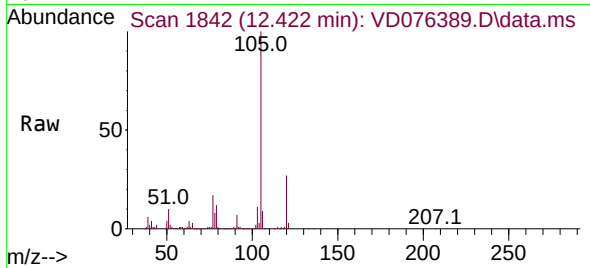
Tgt Ion:152	Resp:	245866
Ion Ratio	Lower	Upper
152	100	
115	60.1	27.1 81.3
150	161.2	0.0 353.6





#73
Isopropylbenzene
Concen: 10.060 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD076389.D
Acq: 12 Jun 2023 12:48

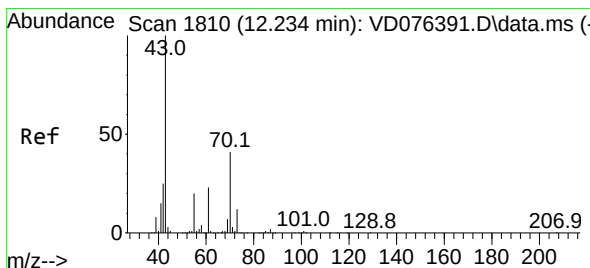
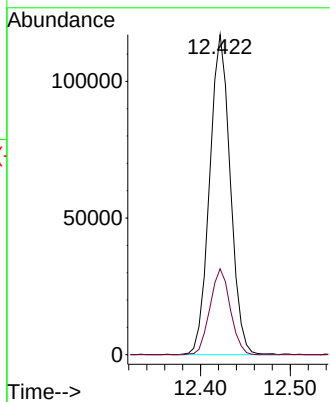
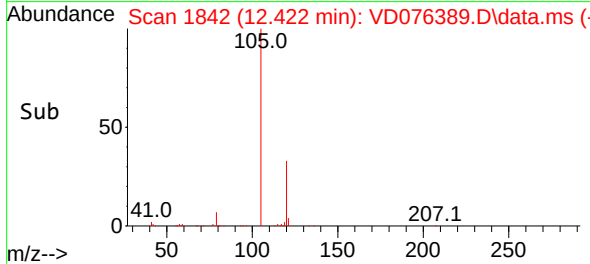
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



Tgt Ion:105 Resp: 18705
Ion Ratio Lower Upper
105 100
120 26.3 14.3 42.9

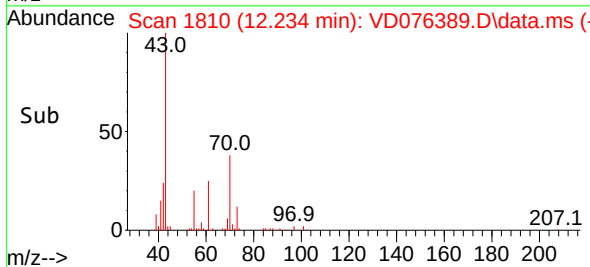
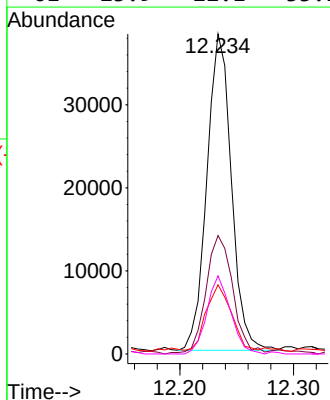
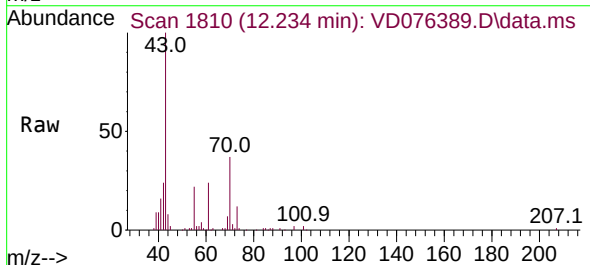
Manual Integrations
APPROVED

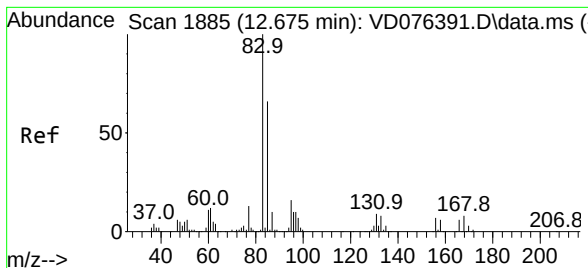
Reviewed By :Krupa Patel 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023



#74
N-ethyl acetate
Concen: 10.089 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD076389.D
Acq: 12 Jun 2023 12:48

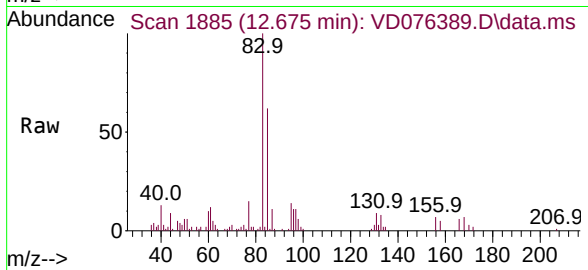
Tgt Ion: 43 Resp: 57211
Ion Ratio Lower Upper
43 100
70 41.1 45.0 67.4#
55 20.9 23.8 35.6#
61 23.9 22.1 33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 10.447 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD076389.D
Acq: 12 Jun 2023 12:48

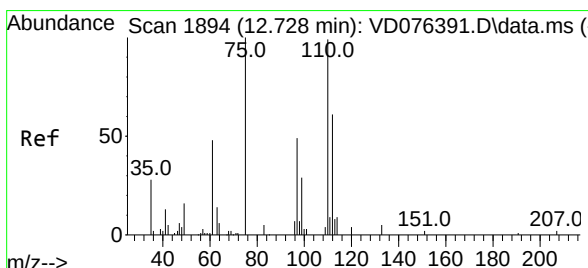
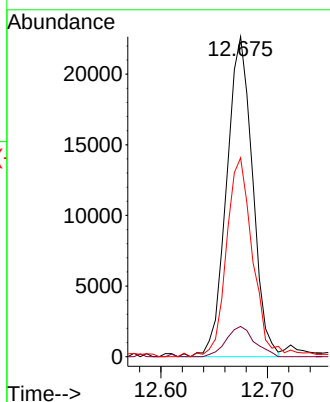
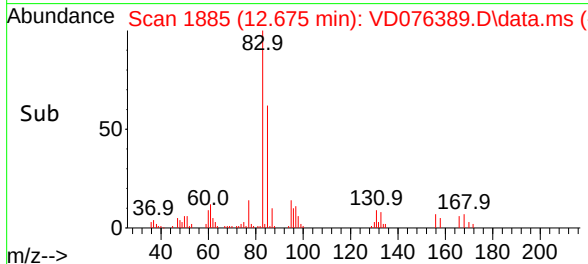
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



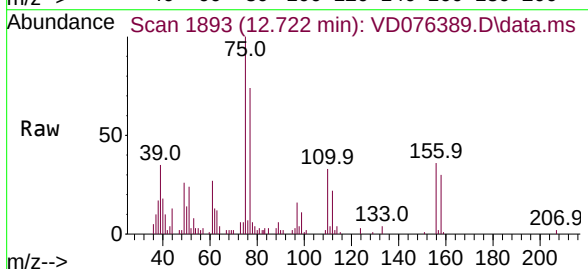
Tgt Ion: 83 Resp: 38360
Ion Ratio Lower Upper
83 100
131 10.3 5.1 15.3
85 64.0 32.6 97.8

Manual Integrations
APPROVED

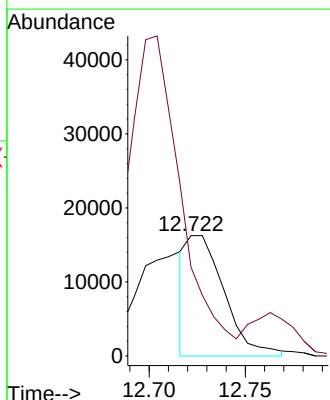
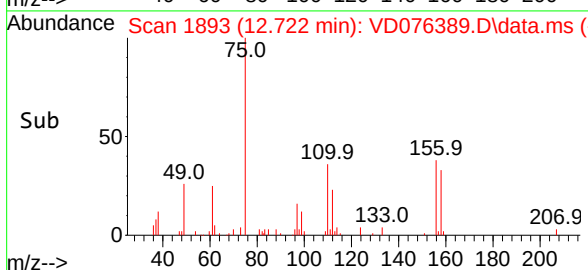
Reviewed By :Krupa Patel 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023

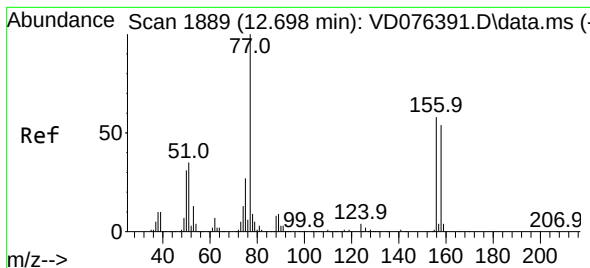


#76
1,2,3-Trichloropropane
Concen: 9.280 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD076389.D
Acq: 12 Jun 2023 12:48



Tgt Ion: 75 Resp: 22036
Ion Ratio Lower Upper
75 100
77 381.6 0.0 0.0#





#77

Bromobenzene

Concen: 10.233 ug/l

RT: 12.704 min Scan# 1889

Delta R.T. 0.006 min

Lab File: VD076389.D

Acq: 12 Jun 2023 12:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

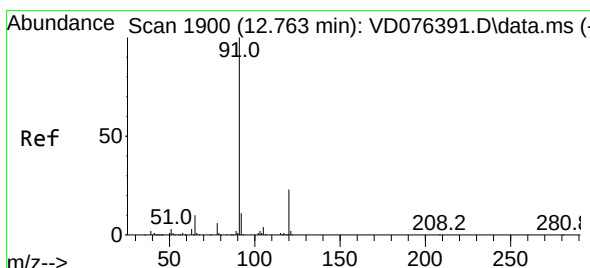
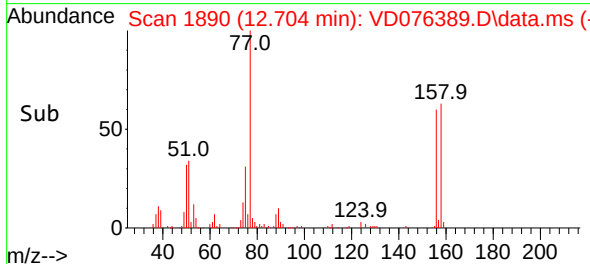
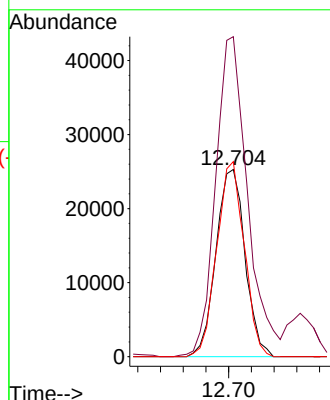
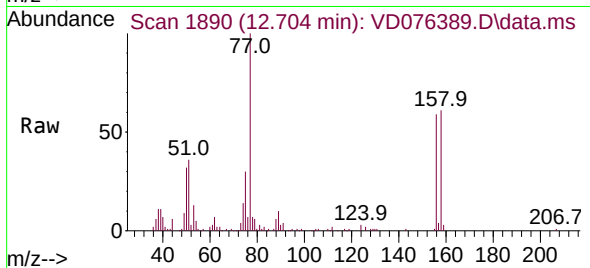
Tgt Ion:	156	Resp:	4489
Ion Ratio	Lower	Upper	
156	100		
77	187.3	76.8	230.4
158	98.6	48.6	145.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/13/2023

Supervised By :Mahesh Dadoda 06/13/2023



#78

n-propylbenzene

Concen: 10.073 ug/l

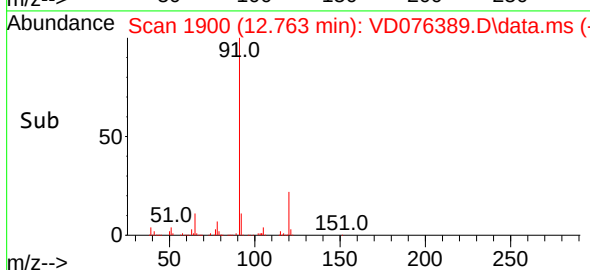
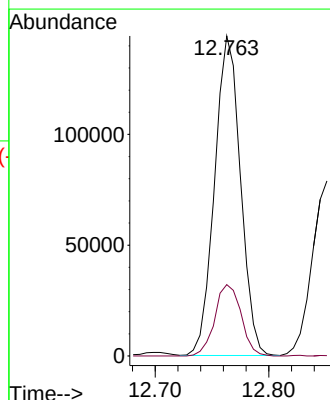
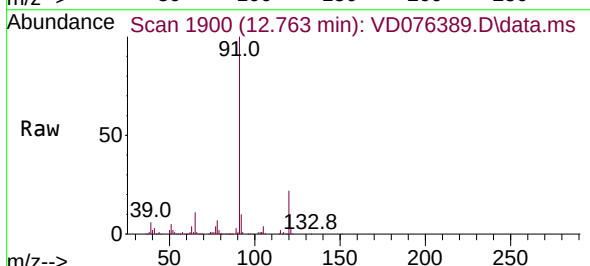
RT: 12.763 min Scan# 1900

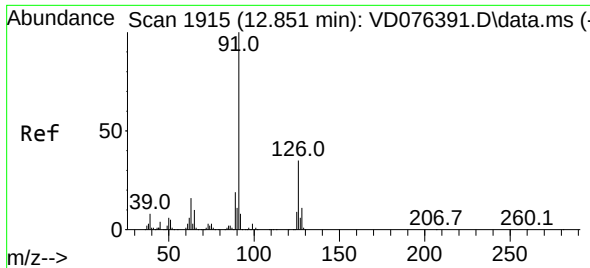
Delta R.T. 0.000 min

Lab File: VD076389.D

Acq: 12 Jun 2023 12:48

Tgt Ion:	91	Resp:	228303
Ion Ratio	Lower	Upper	
91	100		
120	22.6	12.4	37.2





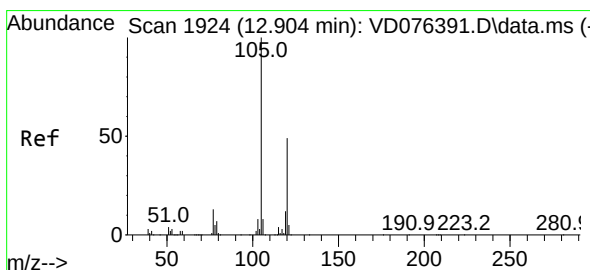
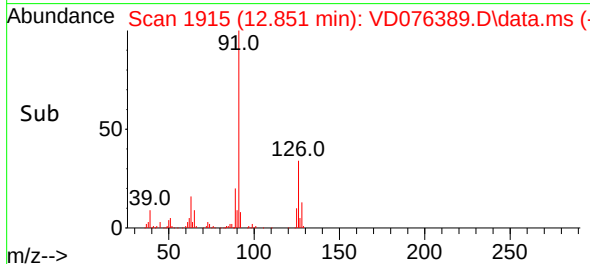
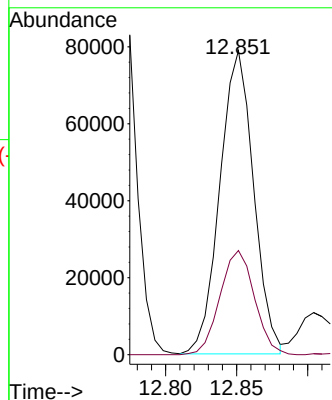
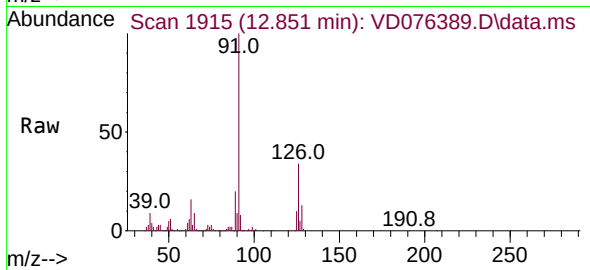
#79
2-Chlorotoluene
Concen: 10.167 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD076389.D
Acq: 12 Jun 2023 12:48

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 130390
Ion Ratio Lower Upper
91 100
126 35.1 19.4 58.1

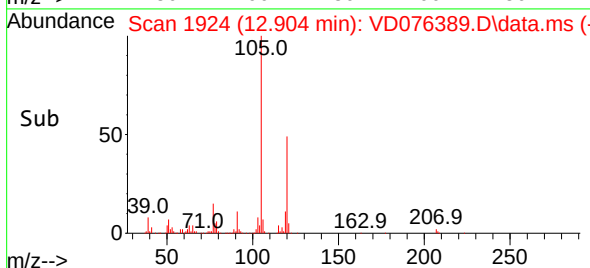
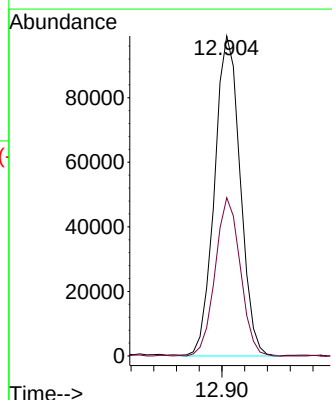
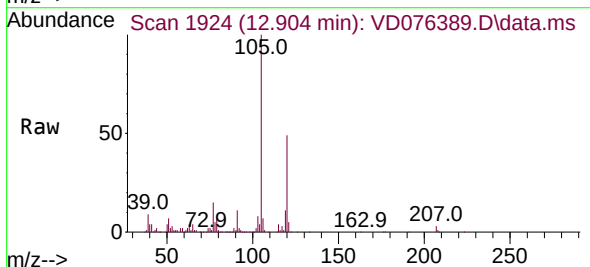
Manual Integrations
APPROVED

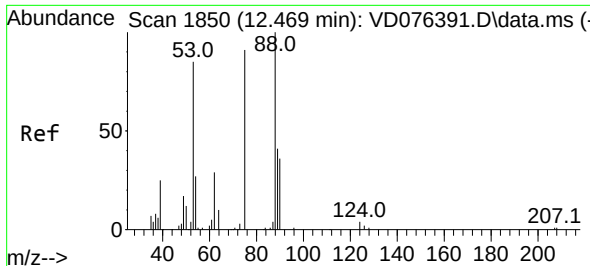
Reviewed By :Krupa Patel 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023



#80
1,3,5-Trimethylbenzene
Concen: 10.031 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076389.D
Acq: 12 Jun 2023 12:48

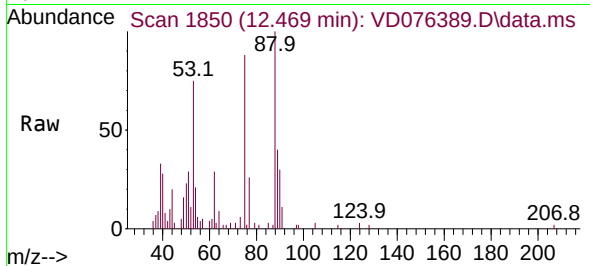
Tgt Ion:105 Resp: 155680
Ion Ratio Lower Upper
105 100
120 48.3 26.4 79.2





#81
trans-1,4-Dichloro-2-butene
Concen: 9.998 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD076389.D
Acq: 12 Jun 2023 12:48

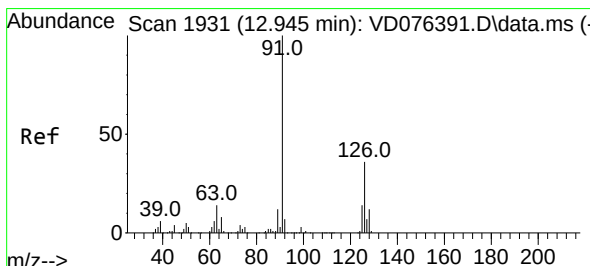
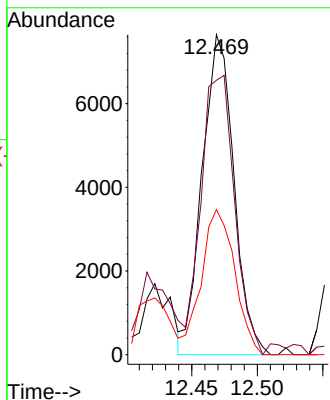
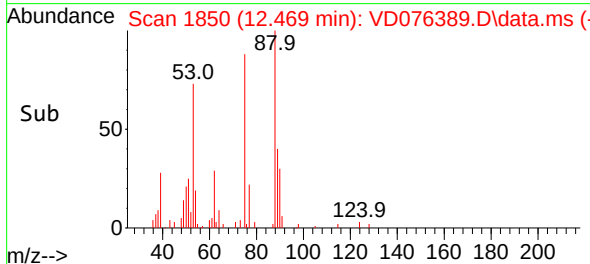
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



Tgt Ion: 75 Resp: 12835
Ion Ratio Lower Upper
75 100
53 91.7 63.0 94.4
89 48.0 37.9 56.9

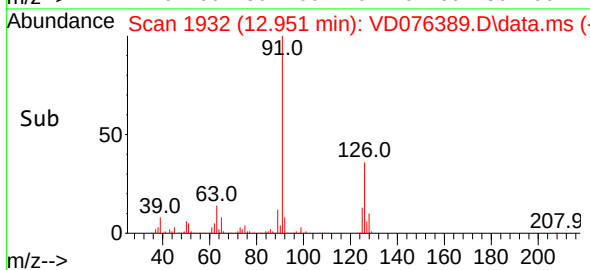
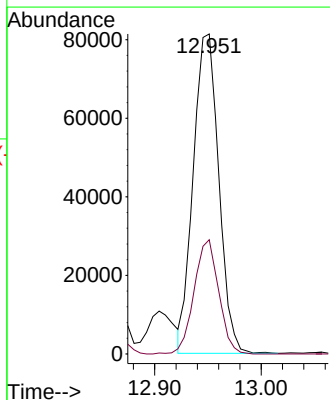
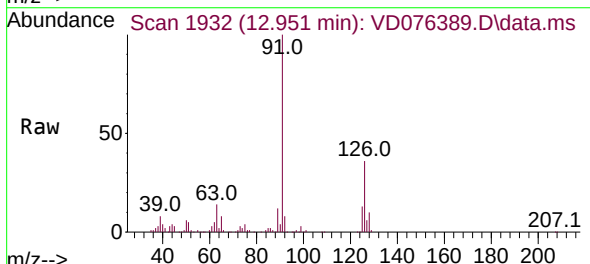
Manual Integrations
APPROVED

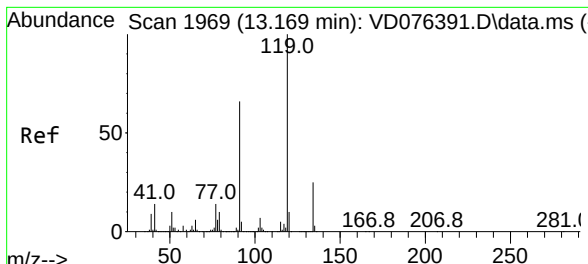
Reviewed By :Krupa Patel 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023



#82
4-Chlorotoluene
Concen: 10.085 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD076389.D
Acq: 12 Jun 2023 12:48

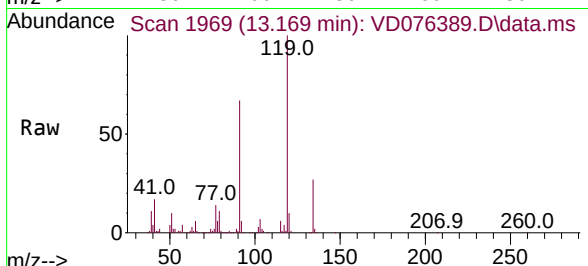
Tgt Ion: 91 Resp: 135443
Ion Ratio Lower Upper
91 100
126 34.5 19.4 58.4





#83
tert-Butylbenzene
Concen: 10.096 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD076389.D
Acq: 12 Jun 2023 12:48

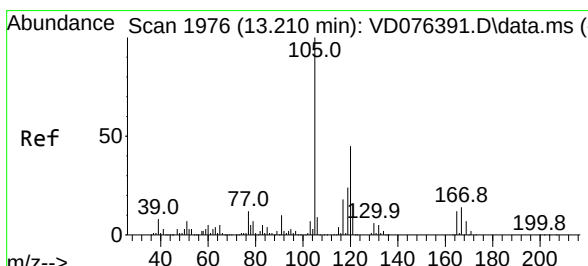
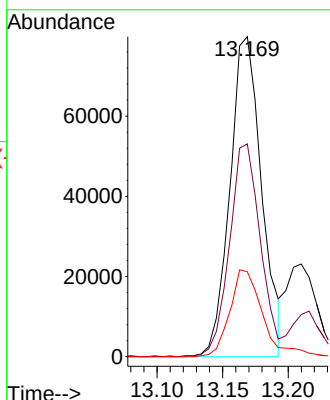
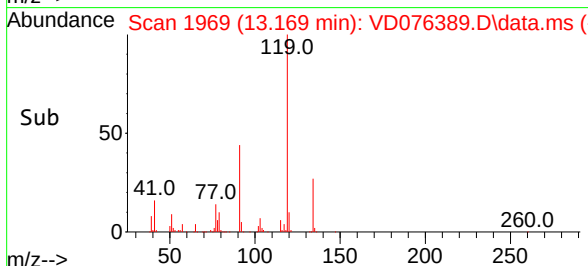
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



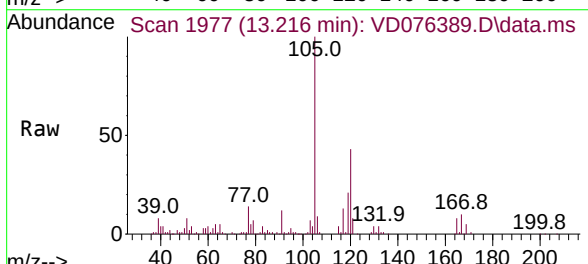
Tgt Ion:119 Resp: 134460
Ion Ratio Lower Upper
119 100
91 66.0 29.3 87.8
134 28.2 14.1 42.3

Manual Integrations
APPROVED

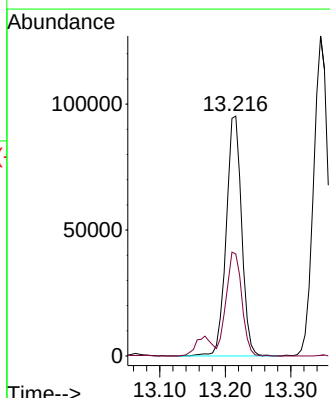
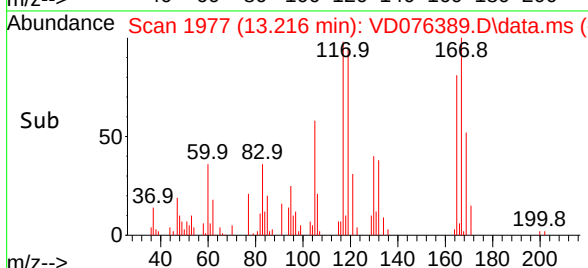
Reviewed By :Krupa Patel 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023

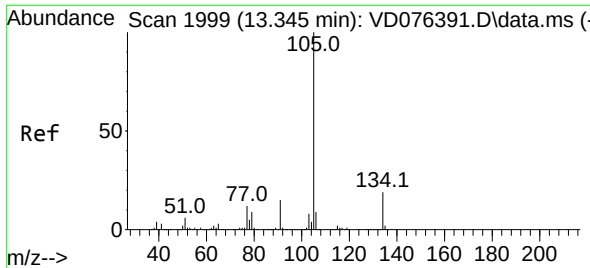


#84
1,2,4-Trimethylbenzene
Concen: 10.128 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VD076389.D
Acq: 12 Jun 2023 12:48



Tgt Ion:105 Resp: 155307
Ion Ratio Lower Upper
105 100
120 43.8 24.3 72.9





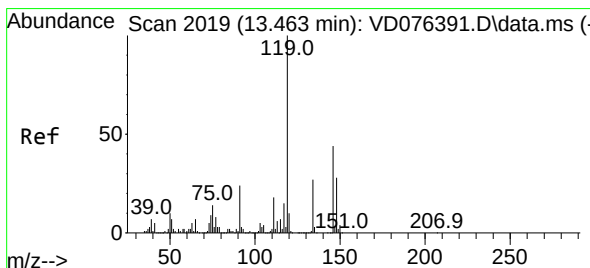
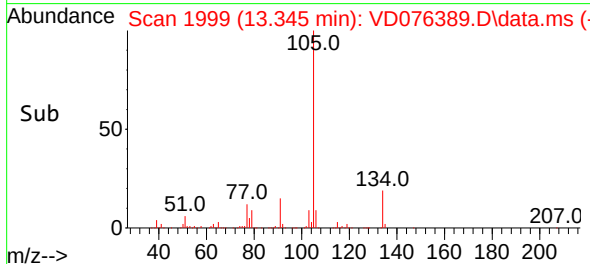
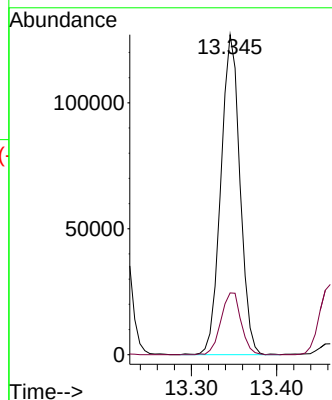
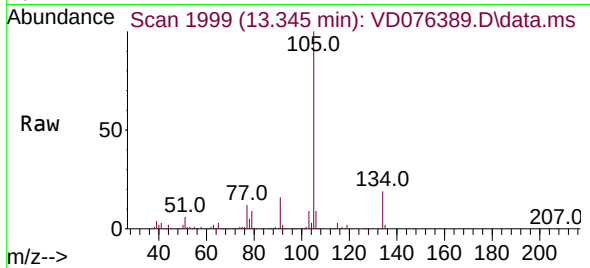
#85
 sec-Butylbenzene
 Concen: 10.089 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD076389.D
 Acq: 12 Jun 2023 12:48

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tgt Ion:105 Resp: 197774
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.9 32.9

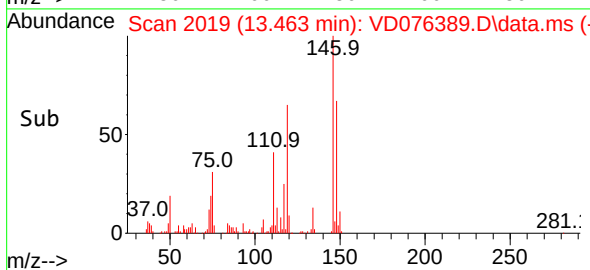
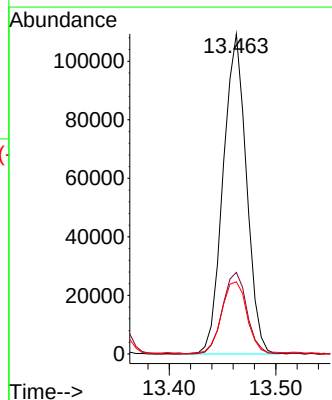
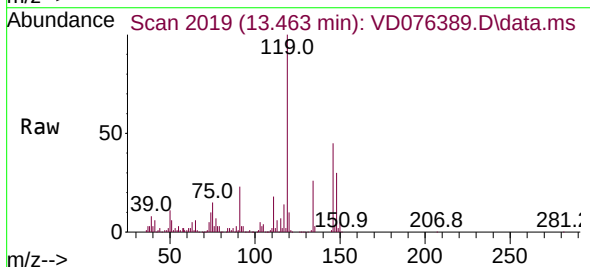
Manual Integrations
 APPROVED

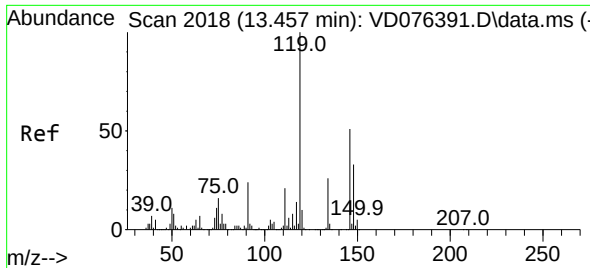
Reviewed By :Krupa Patel 06/13/2023
 Supervised By :Mahesh Dadoda 06/13/2023



#86
 p-Isopropyltoluene
 Concen: 10.033 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD076389.D
 Acq: 12 Jun 2023 12:48

Tgt Ion:119 Resp: 165612
 Ion Ratio Lower Upper
 119 100
 134 26.7 14.2 42.6
 91 25.1 10.5 31.5





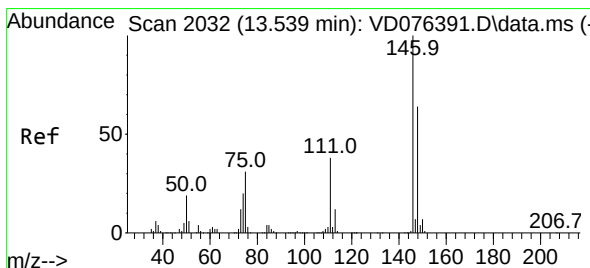
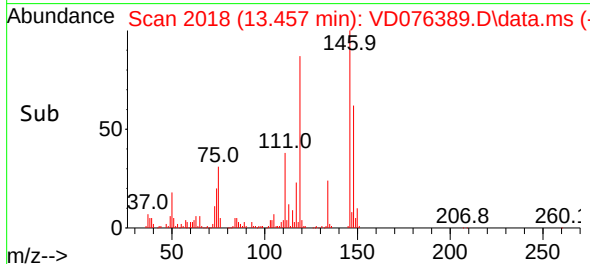
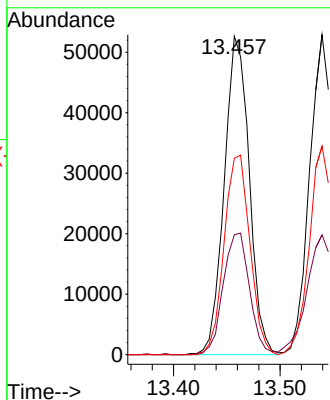
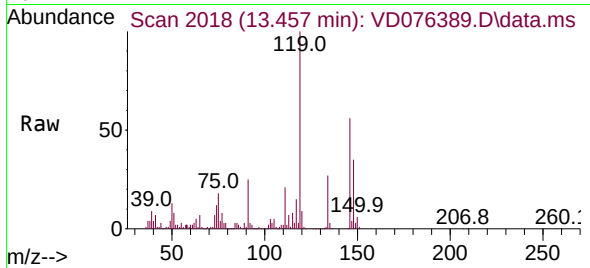
#87
1,3-Dichlorobenzene
Concen: 10.120 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD076389.D
Acq: 12 Jun 2023 12:48

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion:146 Resp: 8592
Ion Ratio Lower Upper
146 100
111 40.3 17.9 53.8
148 64.7 32.3 96.8

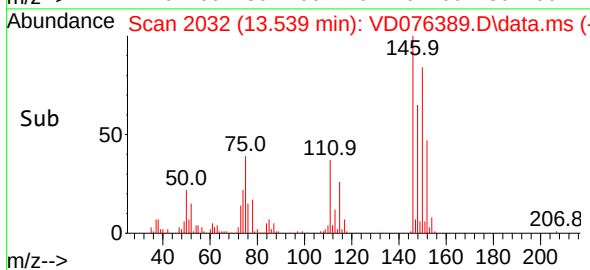
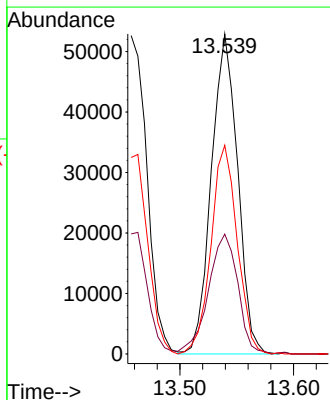
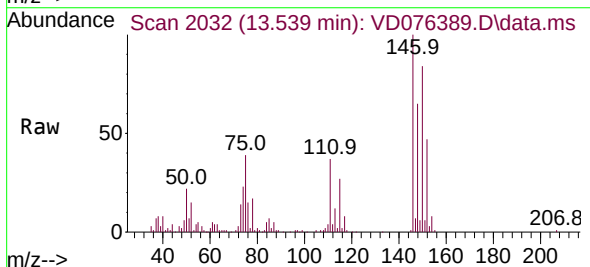
Manual Integrations
APPROVED

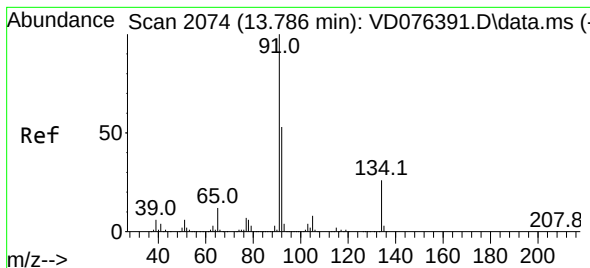
Reviewed By :Krupa Patel 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023



#88
1,4-Dichlorobenzene
Concen: 10.131 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD076389.D
Acq: 12 Jun 2023 12:48

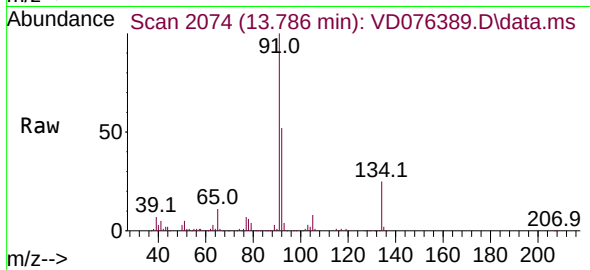
Tgt Ion:146 Resp: 85005
Ion Ratio Lower Upper
146 100
111 41.0 17.4 52.3
148 65.2 31.7 95.1





#89
n-Butylbenzene
Concen: 10.088 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD076389.D
Acq: 12 Jun 2023 12:48

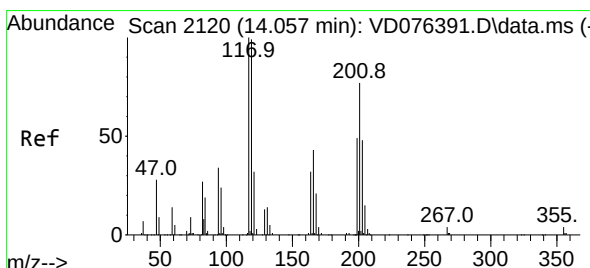
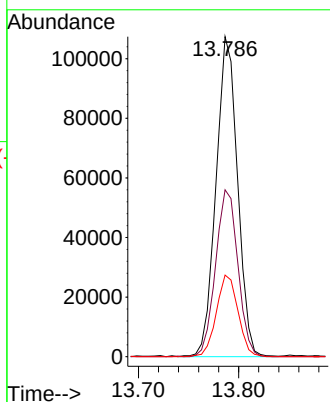
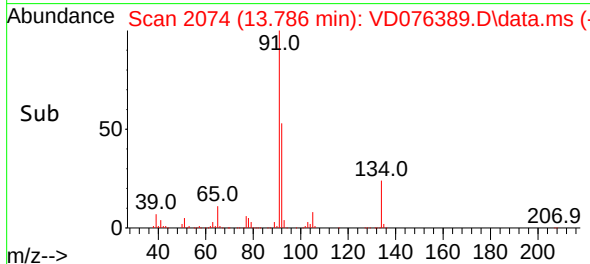
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



Tgt Ion: 91 Resp: 159980
Ion Ratio Lower Upper
91 100
92 54.0 26.5 79.5
134 25.6 13.8 41.3

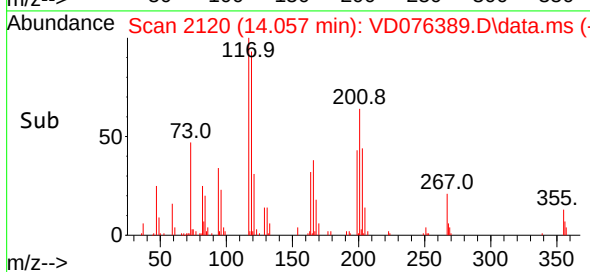
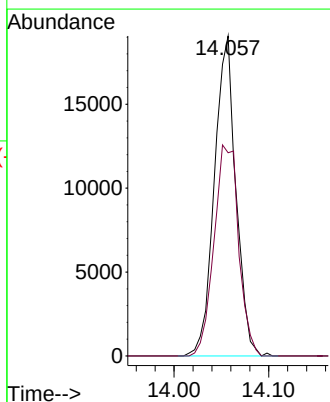
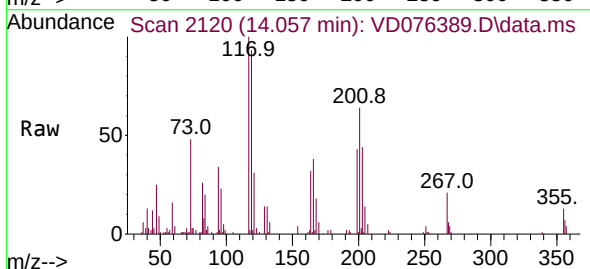
Manual Integrations
APPROVED

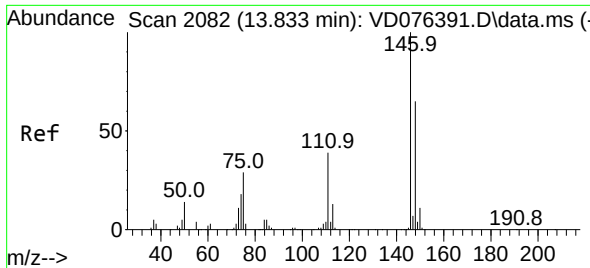
Reviewed By :Krupa Patel 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023



#90
Hexachloroethane
Concen: 9.894 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VD076389.D
Acq: 12 Jun 2023 12:48

Tgt Ion:117 Resp: 30136
Ion Ratio Lower Upper
117 100
201 75.4 38.5 115.5





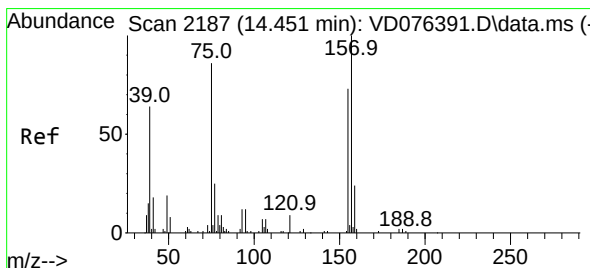
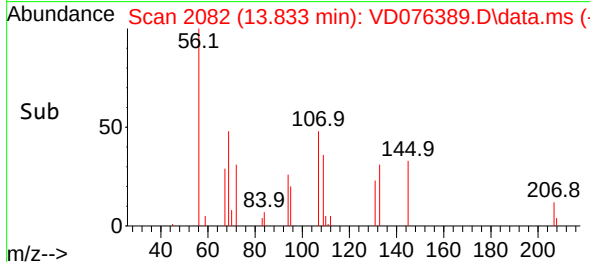
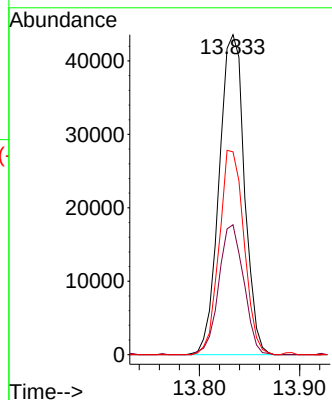
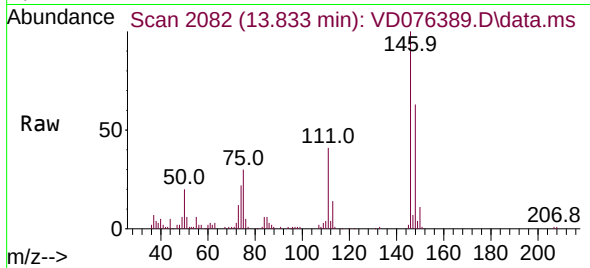
#91
1,2-Dichlorobenzene
Concen: 10.217 ug/l
RT: 13.833 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD076389.D
Acq: 12 Jun 2023 12:48

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion:146 Resp: 7628
Ion Ratio Lower Upper
146 100
111 40.0 18.3 54.8
148 62.7 31.6 94.7

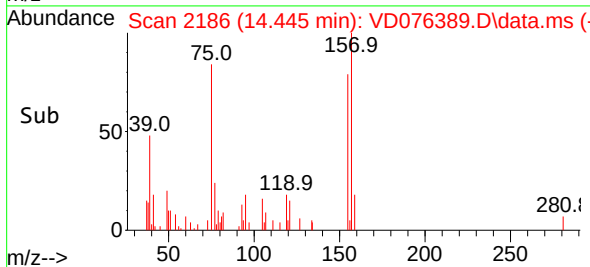
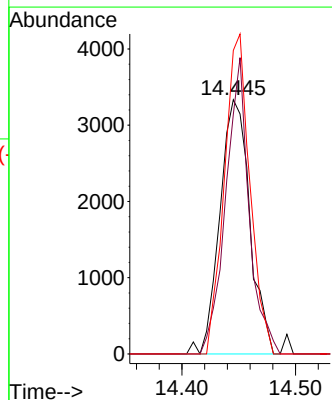
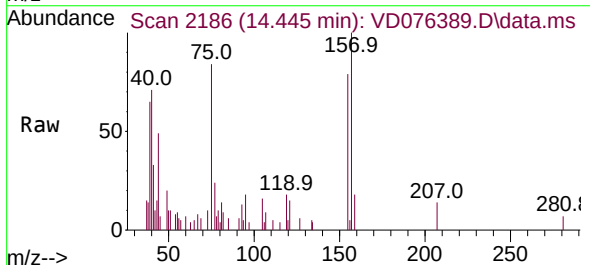
Manual Integrations
APPROVED

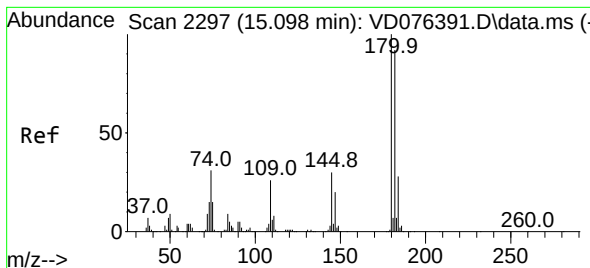
Reviewed By :Krupa Patel 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 10.113 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD076389.D
Acq: 12 Jun 2023 12:48

Tgt Ion: 75 Resp: 6100
Ion Ratio Lower Upper
75 100
155 90.9 47.9 143.8
157 107.6 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 10.140 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD076389.D

Acq: 12 Jun 2023 12:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

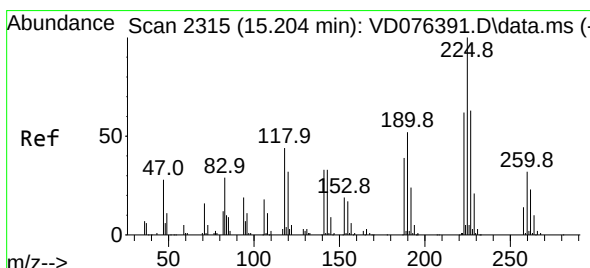
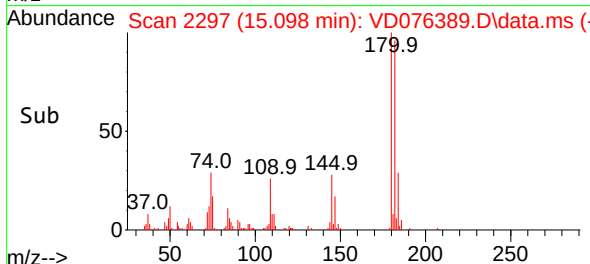
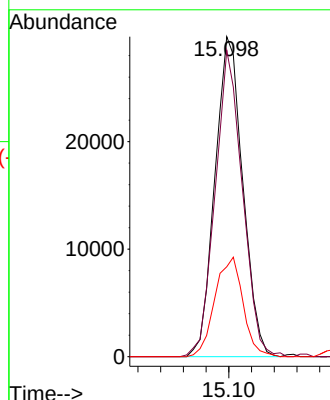
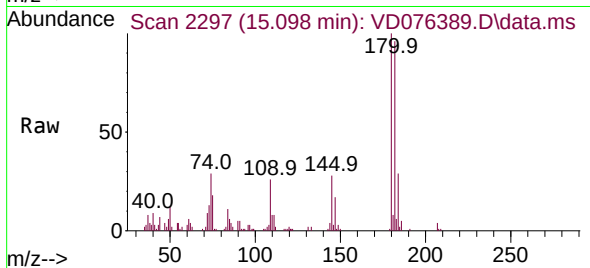
Tgt Ion:180	Resp:	5067
Ion Ratio	Lower	Upper
180	100	
182	93.5	48.5 145.6
145	31.4	14.2 42.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/13/2023

Supervised By :Mahesh Dadoda 06/13/2023



#94

Hexachlorobutadiene

Concen: 10.326 ug/l

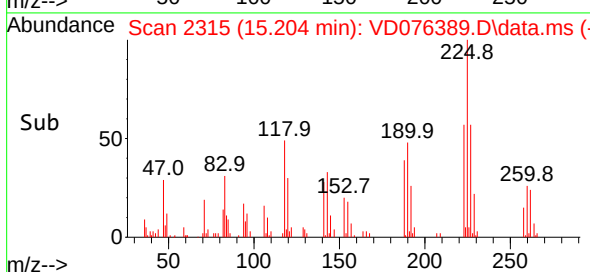
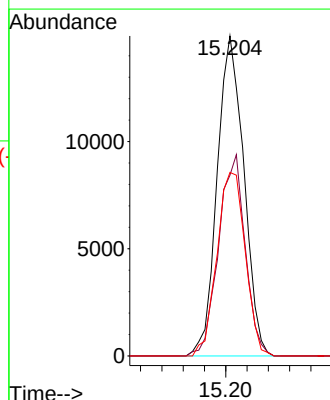
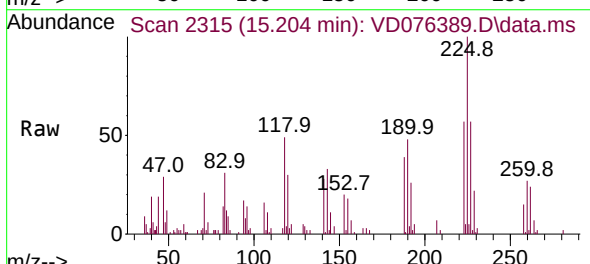
RT: 15.204 min Scan# 2315

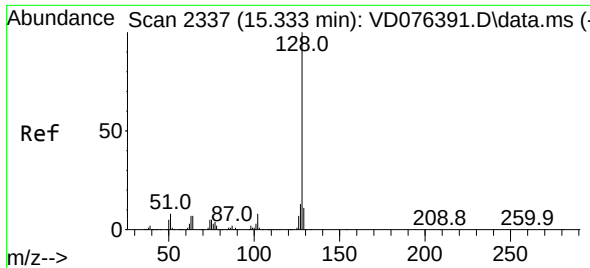
Delta R.T. 0.000 min

Lab File: VD076389.D

Acq: 12 Jun 2023 12:48

Tgt Ion:225	Resp:	25963
Ion Ratio	Lower	Upper
225	100	
223	62.5	31.6 94.8
227	60.9	31.7 95.1





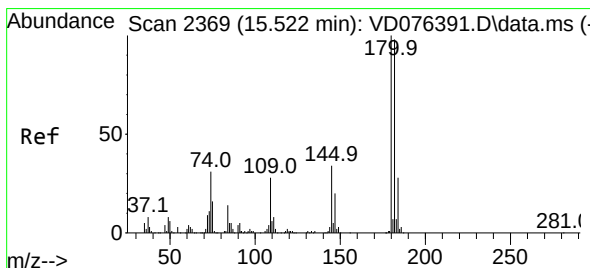
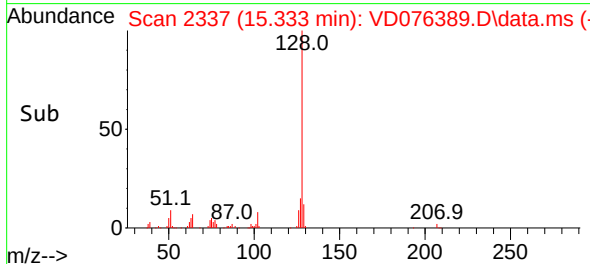
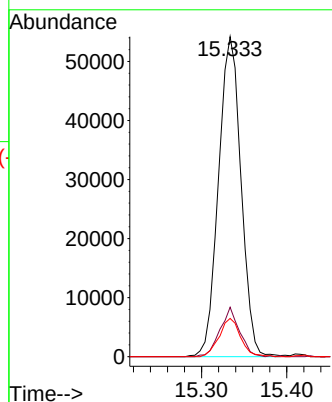
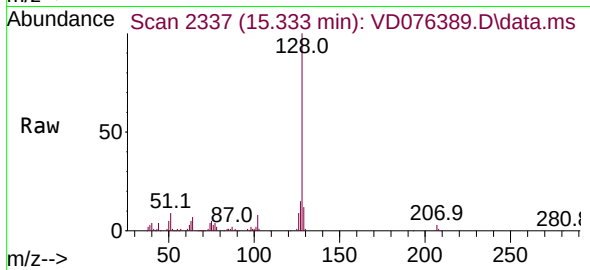
#95
Naphthalene
Concen: 9.918 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD076389.D
Acq: 12 Jun 2023 12:48

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion:128 Resp: 99532
Ion Ratio Lower Upper
128 100
127 15.4 10.5 15.7
129 12.0 8.7 13.1

Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 06/13/2023



#96
1,2,3-Trichlorobenzene
Concen: 10.044 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD076389.D
Acq: 12 Jun 2023 12:48

Tgt Ion:180 Resp: 43352
Ion Ratio Lower Upper
180 100
182 95.6 47.3 141.9
145 33.9 15.1 45.3

