

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061423\
 Data File : VD076411.D
 Acq On : 14 Jun 2023 11:05
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/15/2023
 Supervised By :Mahesh Dadoda 06/15/2023

Quant Time: Jun 15 05:29:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061223S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 13 02:01:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	214460	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	365167	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	328099	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	158123	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	112980	45.610	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.220%		
35) Dibromofluoromethane	7.804	113	114364	48.457	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.920%		
50) Toluene-d8	10.269	98	426986	47.741	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	95.480%		
62) 4-Bromofluorobenzene	12.575	95	142386	46.406	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	92.820%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	82066	42.844	ug/l	99
3) Chloromethane	2.146	50	171038	47.157	ug/l	99
4) Vinyl Chloride	2.281	62	177911	51.263	ug/l	97
5) Bromomethane	2.687	94	101880	56.022	ug/l	98
6) Chloroethane	2.834	64	113823	54.462	ug/l	100
7) Trichlorofluoromethane	3.169	101	161447	46.228	ug/l	99
8) Diethyl Ether	3.587	74	59623	47.521	ug/l	68
9) 1,1,2-Trichlorotrifluo...	3.957	101	97501	46.433	ug/l	98
10) Methyl Iodide	4.152	142	122869	45.503	ug/l	93
11) Tert butyl alcohol	5.052	59	43929	212.141	ug/l #	93
12) 1,1-Dichloroethene	3.934	96	99469	46.448	ug/l #	78
13) Acrolein	3.787	56	63733	268.320	ug/l	95
14) Allyl chloride	4.552	41	195818	46.755	ug/l #	85
15) Acrylonitrile	5.246	53	151075	236.652	ug/l	98
16) Acetone	4.022	43	153427	281.752	ug/l #	79
17) Carbon Disulfide	4.263	76	287129	46.665	ug/l	96
18) Methyl Acetate	4.552	43	117947	47.508	ug/l #	84
19) Methyl tert-butyl Ether	5.310	73	282277	47.505	ug/l	98
20) Methylene Chloride	4.793	84	126509	43.567	ug/l #	73
21) trans-1,2-Dichloroethene	5.304	96	112758	45.309	ug/l #	77
22) Diisopropyl ether	6.210	45	402702	47.233	ug/l #	89
23) Vinyl Acetate	6.151	43	1045841	285.614	ug/l #	86
24) 1,1-Dichloroethane	6.110	63	222905	47.036	ug/l	96
25) 2-Butanone	7.075	43	212666	249.700	ug/l #	77
26) 2,2-Dichloropropane	7.069	77	192250	45.056	ug/l	94
27) cis-1,2-Dichloroethene	7.075	96	141206	47.664	ug/l	85
28) Bromochloromethane	7.416	49	65657	50.117	ug/l #	70
29) Tetrahydrofuran	7.440	42	132311	243.502	ug/l #	74
30) Chloroform	7.593	83	220525	46.690	ug/l	95
31) Cyclohexane	7.869	56	172519	43.528	ug/l	85
32) 1,1,1-Trichloroethane	7.787	97	183145	45.403	ug/l	97
36) 1,1-Dichloropropene	8.004	75	159820	46.394	ug/l	95
37) Ethyl Acetate	7.169	43	92138	50.851	ug/l #	89
38) Carbon Tetrachloride	7.987	117	146956	45.948	ug/l	98
39) Methylcyclohexane	9.269	83	186798	47.094	ug/l #	86
40) Benzene	8.245	78	476236	47.554	ug/l	100

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 Supervised By :Mahesh Dadoda 06/15/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	51684	44.589	ug/l #	80
42) 1,2-Dichloroethane	8.322	62	137298	46.039	ug/l	93
43) Isopropyl Acetate	8.357	43	181472	47.770	ug/l #	83
44) Trichloroethene	9.028	130	128267	47.247	ug/l	96
45) 1,2-Dichloropropane	9.304	63	130304	48.955	ug/l	99
46) Dibromomethane	9.392	93	69533	47.336	ug/l	96
47) Bromodichloromethane	9.581	83	170479	46.850	ug/l	97
48) Methyl methacrylate	9.381	41	85199	46.793	ug/l #	70
49) 1,4-Dioxane	9.387	88	16223	930.841	ug/l #	77
51) 4-Methyl-2-Pentanone	10.157	43	453491	240.345	ug/l #	84
52) Toluene	10.334	92	297943	47.061	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	174714	46.944	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	201536	47.088	ug/l #	80
55) 1,1,2-Trichloroethane	10.734	97	93251	47.528	ug/l	94
56) Ethyl methacrylate	10.598	69	130173	47.774	ug/l #	68
57) 1,3-Dichloropropane	10.881	76	163556	47.920	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	267640	241.142	ug/l	90
59) 2-Hexanone	10.922	43	330220	249.676	ug/l	81
60) Dibromochloromethane	11.075	129	114980	47.363	ug/l	95
61) 1,2-Dibromoethane	11.181	107	92904	48.806	ug/l	97
64) Tetrachloroethene	10.810	164	102862	45.667	ug/l	91
65) Chlorobenzene	11.610	112	322277	47.388	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	119047	46.815	ug/l	98
67) Ethyl Benzene	11.686	91	587290	46.886	ug/l	96
68) m/p-Xylenes	11.792	106	446842	94.282	ug/l	90
69) o-Xylene	12.122	106	219070	48.118	ug/l	93
70) Styrene	12.133	104	366668	47.205	ug/l	95
71) Bromoform	12.298	173	73705	49.693	ug/l #	94
73) Isopropylbenzene	12.422	105	546177	45.674	ug/l	97
74) N-amyl acetate	12.233	43	170575	46.774	ug/l #	81
75) 1,1,2,2-Tetrachloroethane	12.675	83	111413	47.180	ug/l	97
76) 1,2,3-Trichloropropane	12.728	75	81503m	55.134	ug/l	
77) Bromobenzene	12.704	156	132008	46.788	ug/l	88
78) n-propylbenzene	12.763	91	663899	45.547	ug/l	97
79) 2-Chlorotoluene	12.851	91	368335	44.656	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	450951	45.180	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	38996	47.231	ug/l	92
82) 4-Chlorotoluene	12.951	91	384662	44.533	ug/l	93
83) tert-Butylbenzene	13.169	119	379626	44.321	ug/l	94
84) 1,2,4-Trimethylbenzene	13.216	105	448565	45.486	ug/l	96
85) sec-Butylbenzene	13.345	105	580610	46.055	ug/l	96
86) p-Isopropyltoluene	13.463	119	478613	45.086	ug/l	96
87) 1,3-Dichlorobenzene	13.463	146	257169	47.098	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	253636	47.002	ug/l	98
89) n-Butylbenzene	13.786	91	467671	45.853	ug/l	98
90) Hexachloroethane	14.057	117	92997	47.472	ug/l	94
91) 1,2-Dichlorobenzene	13.833	146	226782	47.224	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	17501	45.115	ug/l	95
93) 1,2,4-Trichlorobenzene	15.104	180	150940	46.962	ug/l	97
94) Hexachlorobutadiene	15.210	225	71671	44.324	ug/l	99
95) Naphthalene	15.333	128	304315	47.151	ug/l	99
96) 1,2,3-Trichlorobenzene	15.527	180	132083	47.582	ug/l	99

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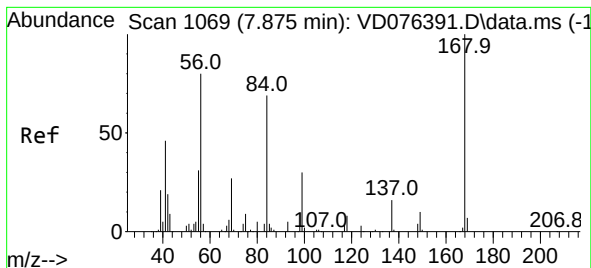
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061223S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

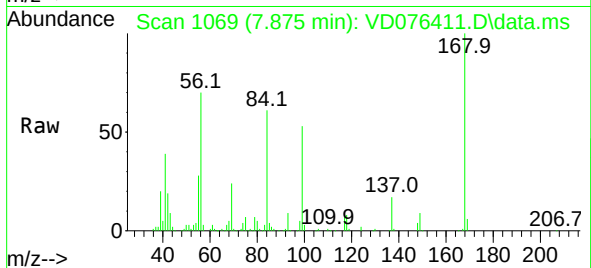
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076411.D
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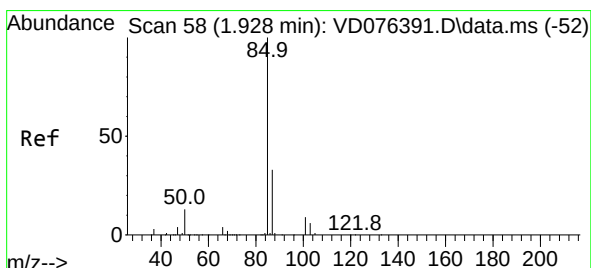
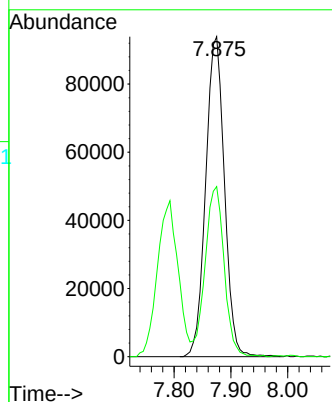
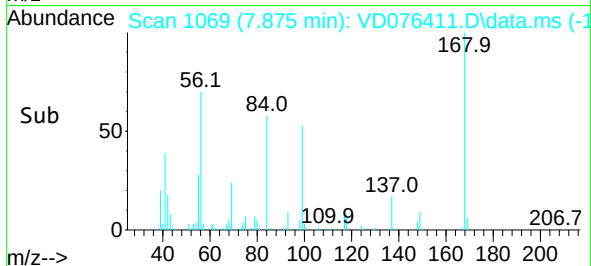
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 214460
Ion Ratio Lower Upper
168 100
99 52.8 36.7 55.1

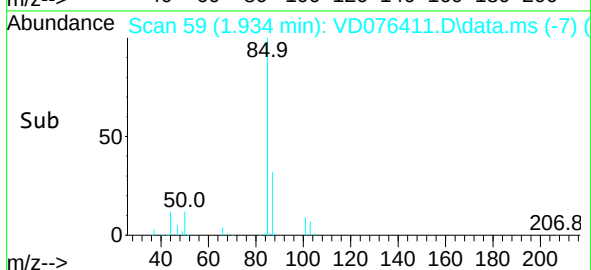
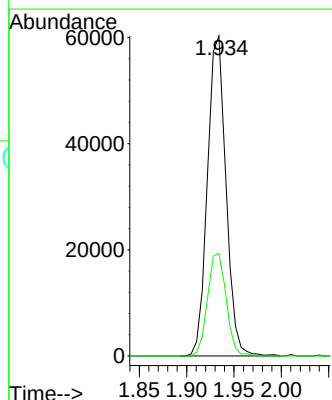
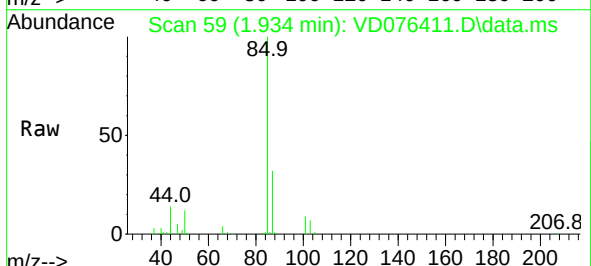
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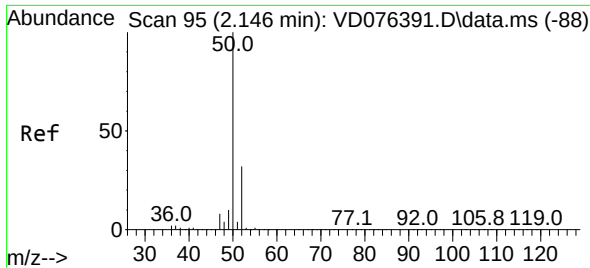
Reviewed By :Krupa Patel 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#2
Dichlorodifluoromethane
Concen: 42.844 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.006 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

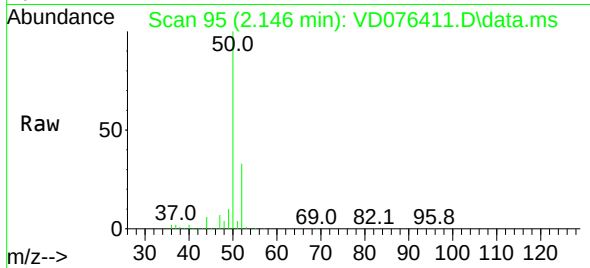
Tgt Ion: 85 Resp: 82066
Ion Ratio Lower Upper
85 100
87 32.0 15.7 47.0





#3
Chloromethane
Concen: 47.157 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

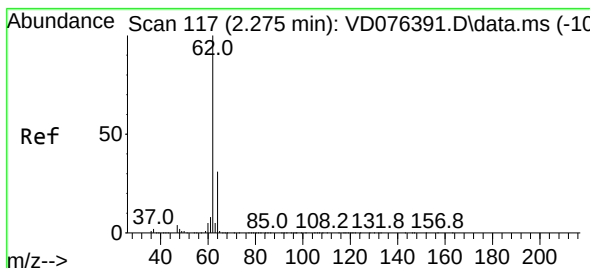
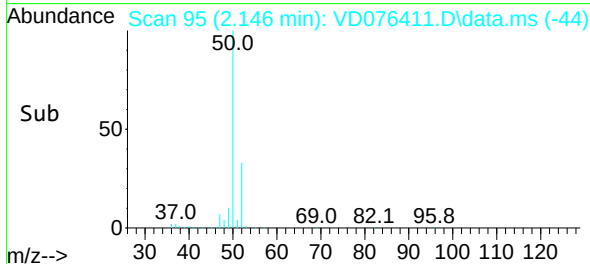
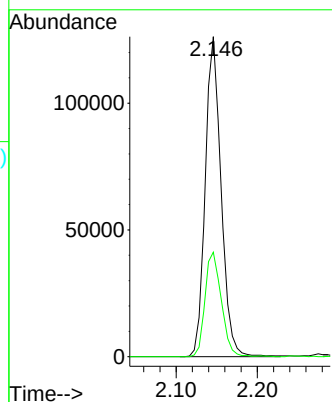
Instrument :
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ClientSampleId :
VSTDCCC050



Tgt Ion: 50 Resp: 171038
Ion Ratio Lower Upper
50 100
52 32.7 26.6 40.0

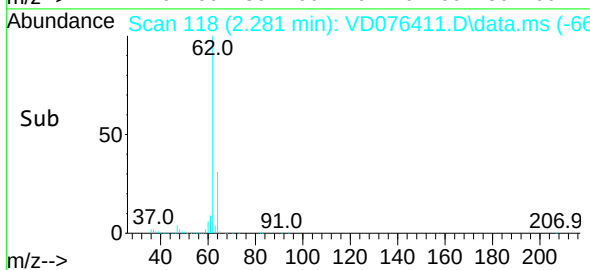
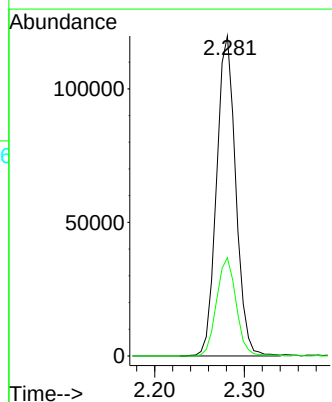
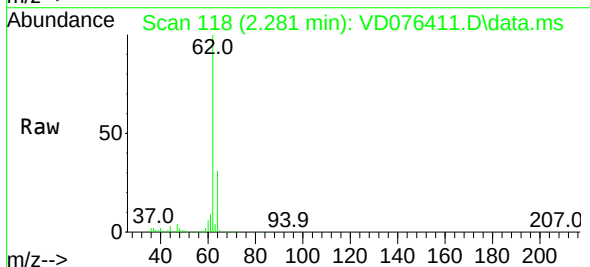
Manual Integrations
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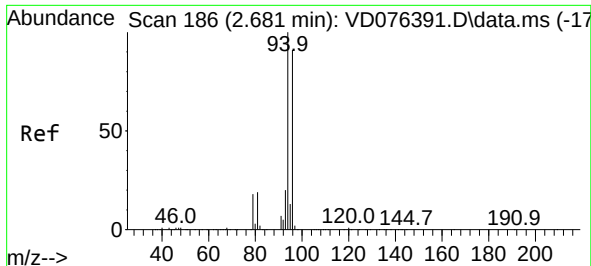
Reviewed By :Krupa Patel 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#4
Vinyl Chloride
Concen: 51.263 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.006 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

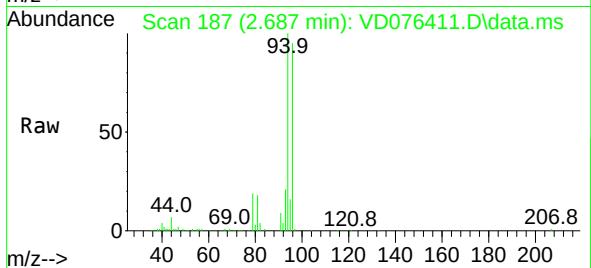
Tgt Ion: 62 Resp: 177911
Ion Ratio Lower Upper
62 100
64 30.7 26.0 39.0





#5
Bromomethane
Concen: 56.022 ug/l
RT: 2.687 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

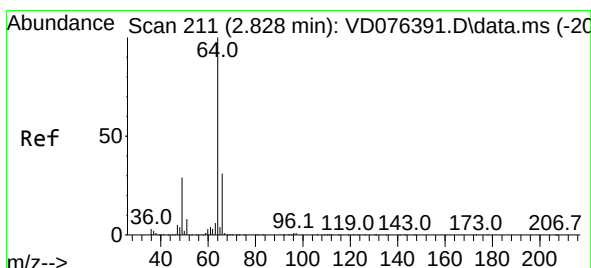
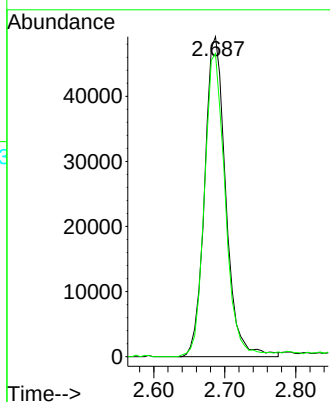
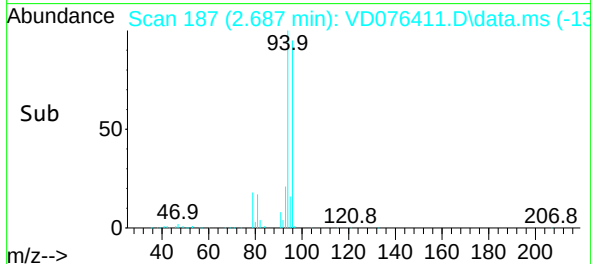
Instrument :
MSVOA_D
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Tgt Ion: 94 Resp: 101880
Ion Ratio Lower Upper
94 100
96 93.3 75.8 113.8

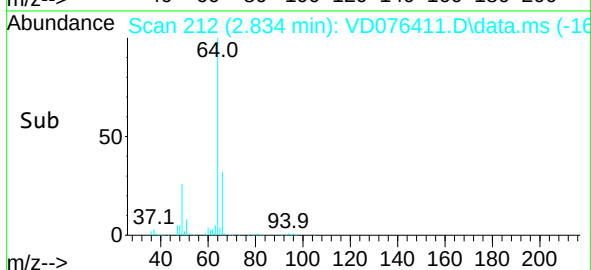
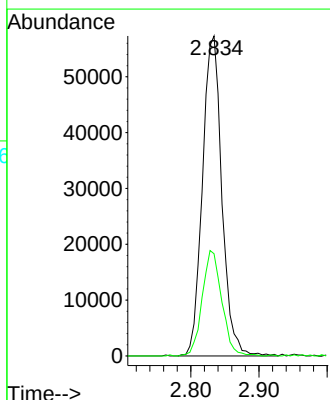
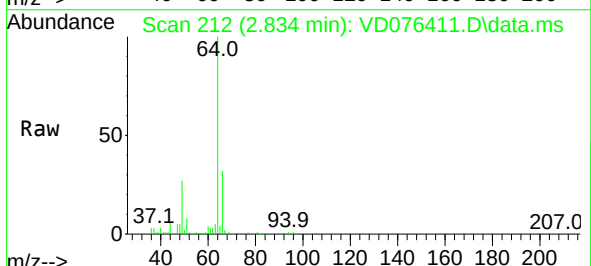
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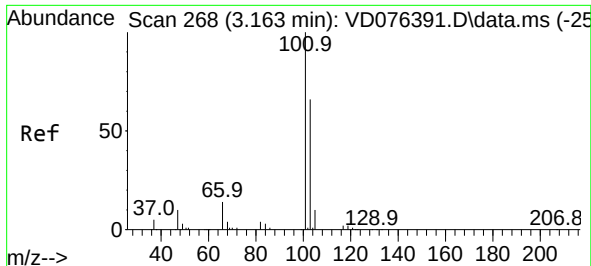
Reviewed By :Krupa Patel 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#6
Chloroethane
Concen: 54.462 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.006 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

Tgt Ion: 64 Resp: 113823
Ion Ratio Lower Upper
64 100
66 32.0 25.5 38.3





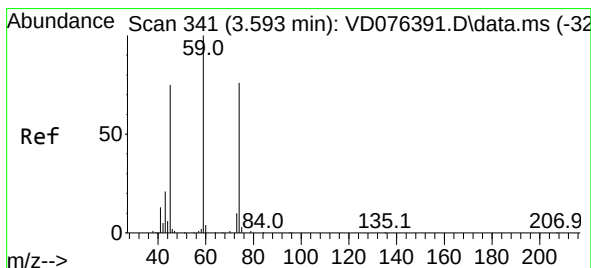
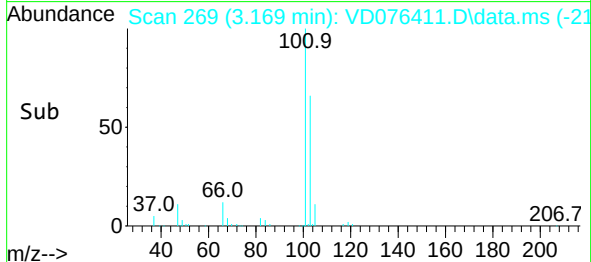
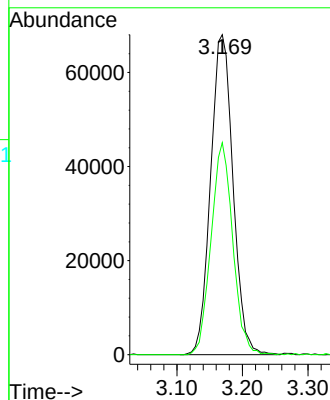
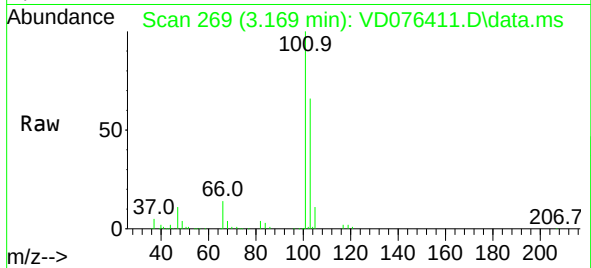
#7
Trichlorofluoromethane
Concen: 46.228 ug/l
RT: 3.169 min Scan# 20
Delta R.T. 0.006 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 16144
Ion Ratio Lower Upper
101 100
103 66.3 52.3 78.5

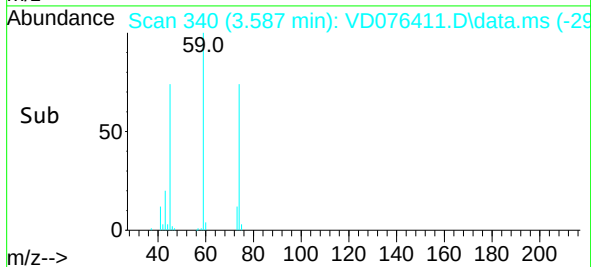
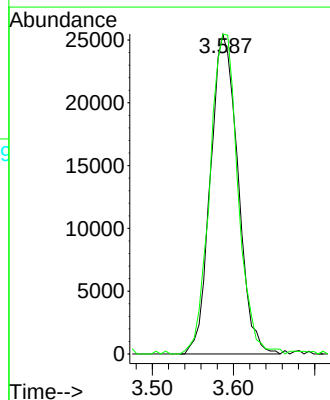
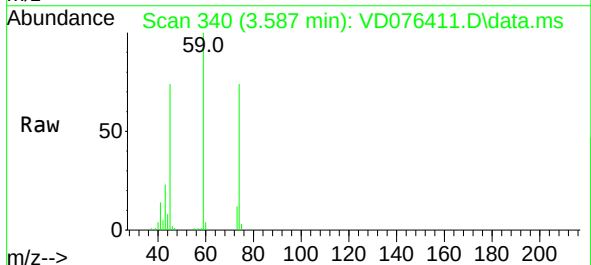
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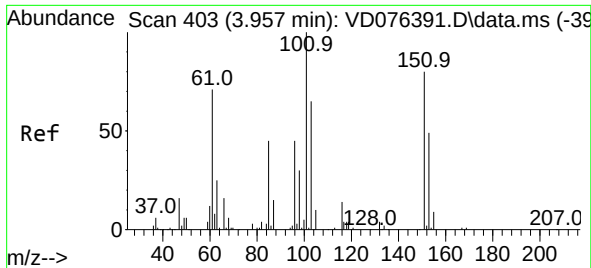
Reviewed By :Krupa Patel 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#8
Diethyl Ether
Concen: 47.521 ug/l
RT: 3.587 min Scan# 340
Delta R.T. -0.006 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

Tgt Ion: 74 Resp: 59623
Ion Ratio Lower Upper
74 100
45 102.7 37.5 112.7





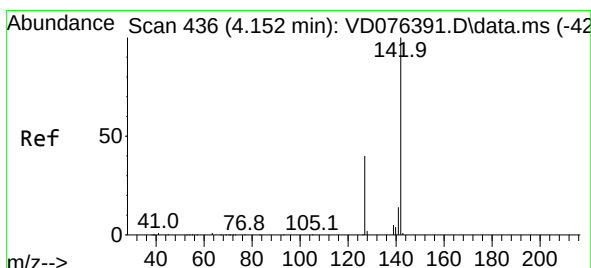
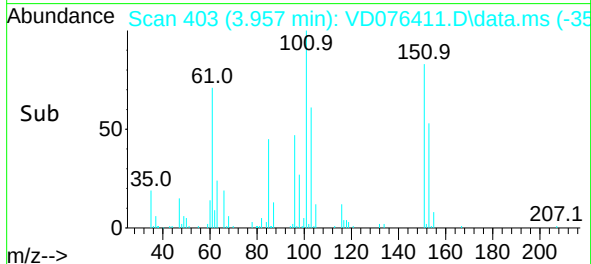
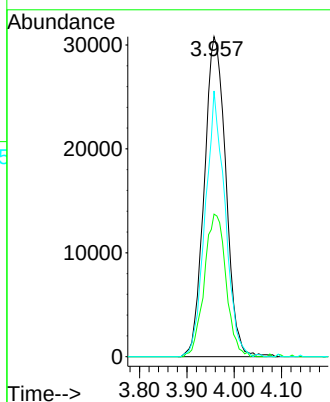
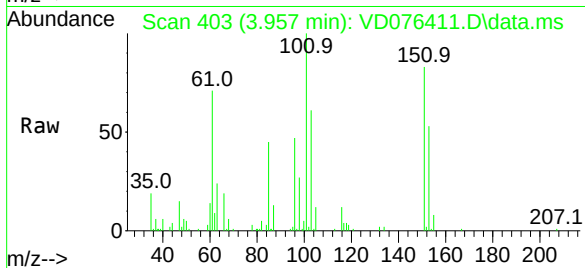
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.433 ug/l
RT: 3.957 min Scan# 403
Delta R.T. -0.000 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 9750
Ion Ratio Lower Upper
101 100
85 44.7 33.8 50.6
151 76.0 59.8 89.6

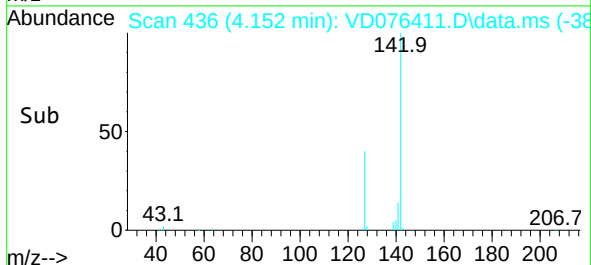
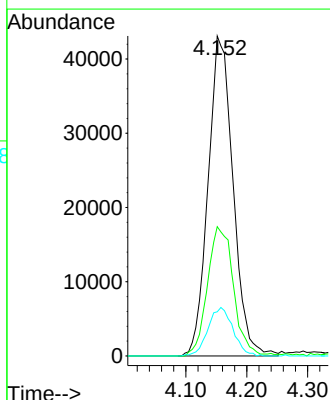
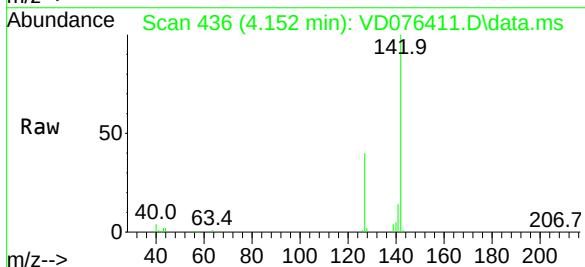
Manual Integrations
APPROVED

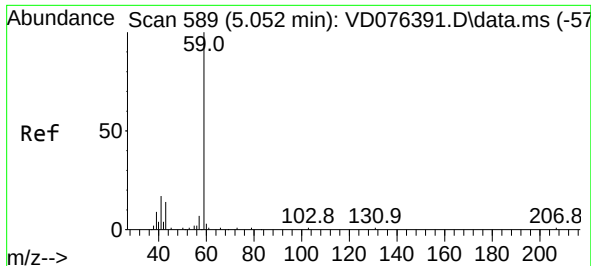
Reviewed By :Krupa Patel 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#10
Methyl Iodide
Concen: 45.503 ug/l
RT: 4.152 min Scan# 436
Delta R.T. -0.000 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

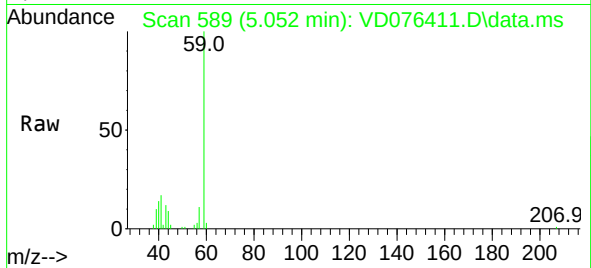
Tgt Ion:142 Resp: 122869
Ion Ratio Lower Upper
142 100
127 41.9 29.4 44.0
141 15.2 11.1 16.7





#11
Tert butyl alcohol
Concen: 212.141 ug/l
RT: 5.052 min Scan# 589
Delta R.T. -0.000 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

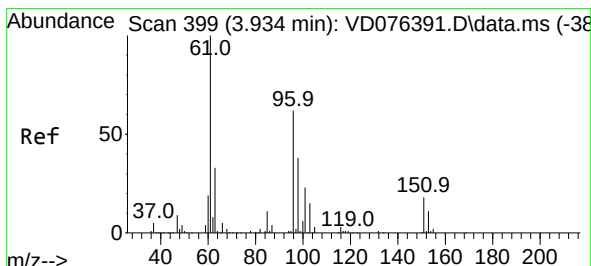
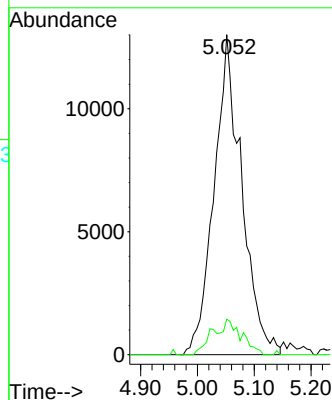
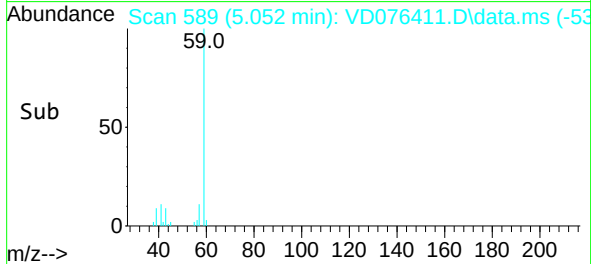
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



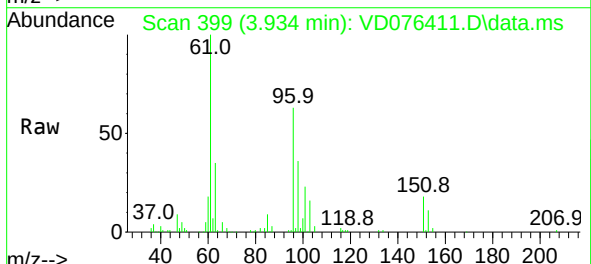
Tgt Ion: 59 Resp: 43929
Ion Ratio Lower Upper
59 100
57 7.3 7.8 11.8

Manual Integrations
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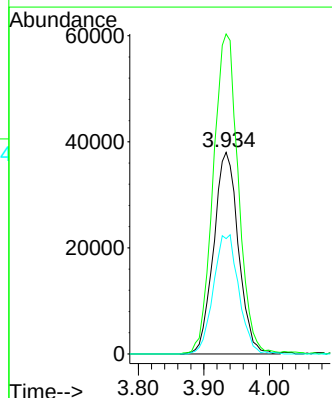
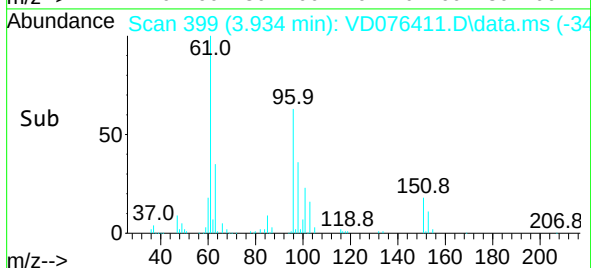
Reviewed By :Krupa Patel 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023

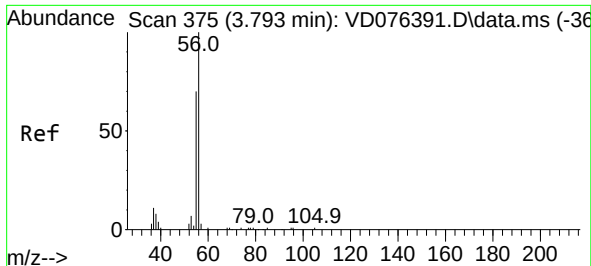


#12
1,1-Dichloroethene
Concen: 46.448 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.000 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05



Tgt Ion: 96 Resp: 99469
Ion Ratio Lower Upper
96 100
61 158.7 100.6 150.8#
98 57.2 50.2 75.2





#13

Acrolein

Concen: 268.320 ug/l

RT: 3.787 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD076411.D

Acq: 14 Jun 2023 11:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 6373

Ion Ratio Lower Upper

56 100

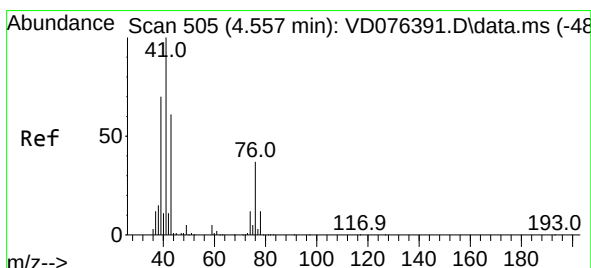
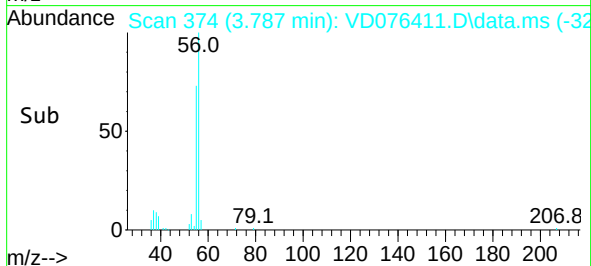
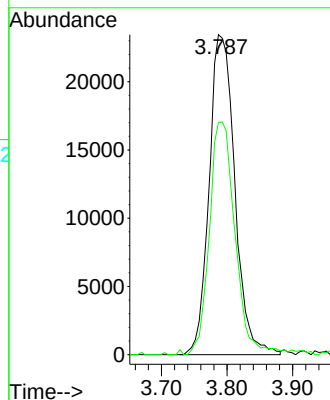
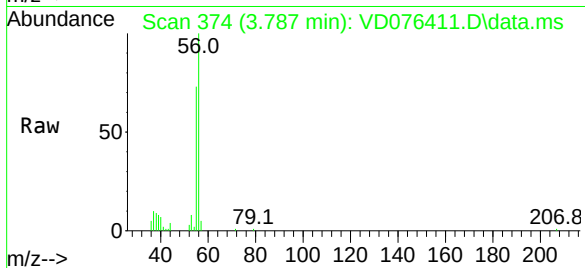
55 72.7 55.1 82.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/15/2023

Supervised By :Mahesh Dadoda 06/15/2023



#14

Allyl chloride

Concen: 46.755 ug/l

RT: 4.552 min Scan# 504

Delta R.T. -0.006 min

Lab File: VD076411.D

Acq: 14 Jun 2023 11:05

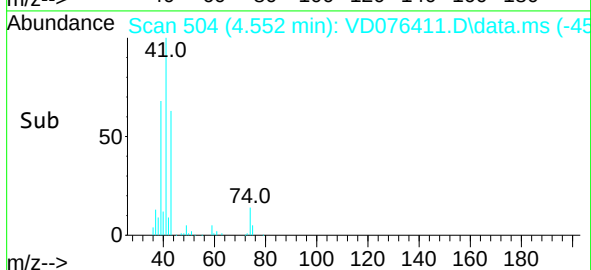
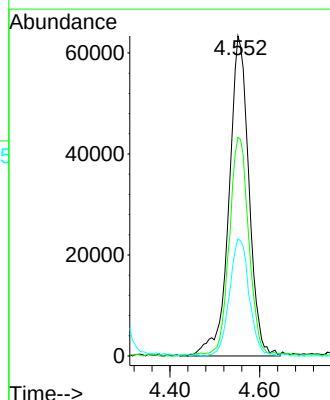
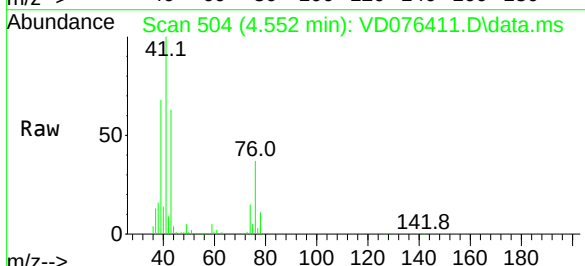
Tgt Ion: 41 Resp: 195818

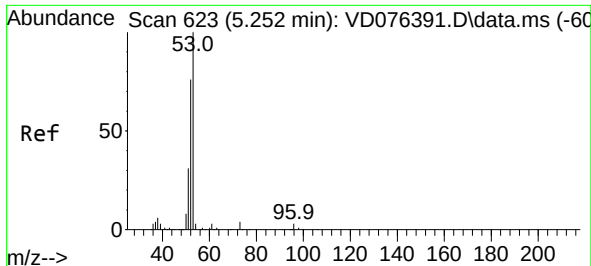
Ion Ratio Lower Upper

41 100

39 64.9 53.8 80.6

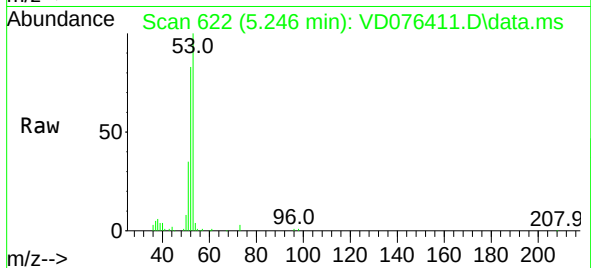
76 36.0 45.8 68.8#





#15
Acrylonitrile
Concen: 236.652 ug/l
RT: 5.246 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

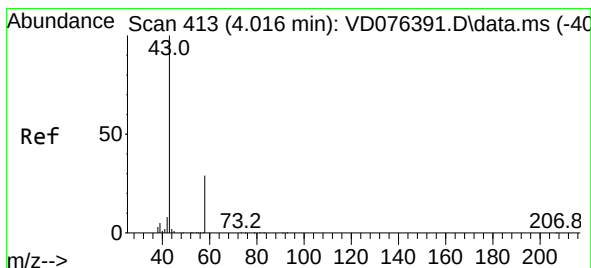
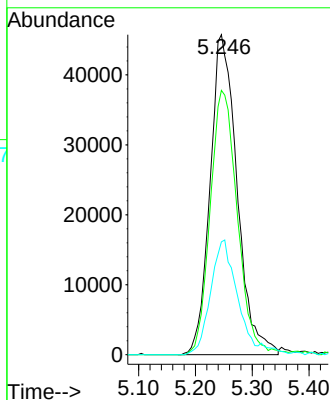
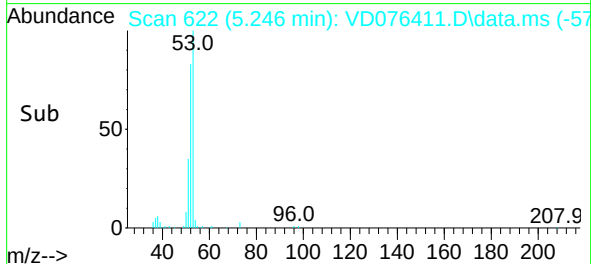
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 151079
Ion Ratio Lower Upper
53 100
52 83.1 65.0 97.4
51 34.7 28.3 42.5

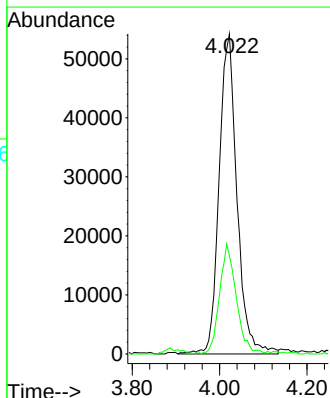
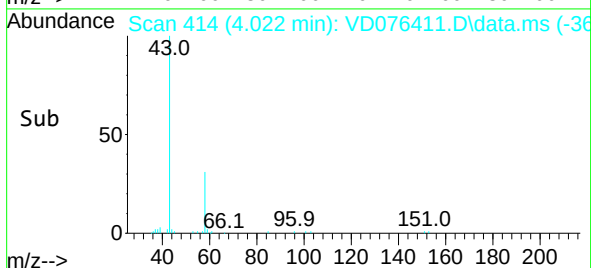
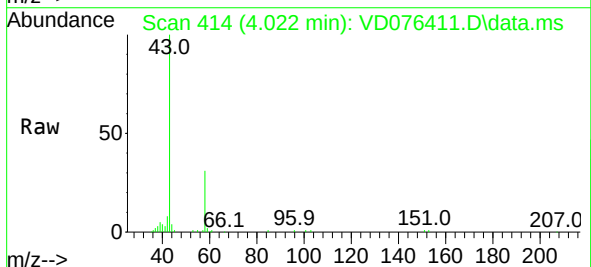
Manual Integrations
APPROVED

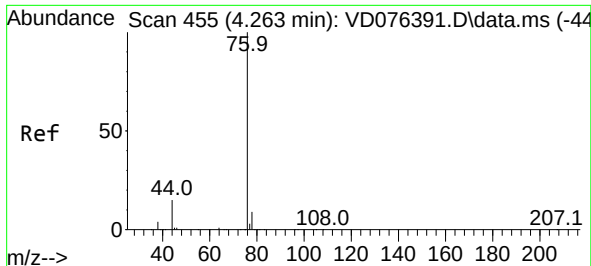
Reviewed By :Krupa Patel 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#16
Acetone
Concen: 281.752 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

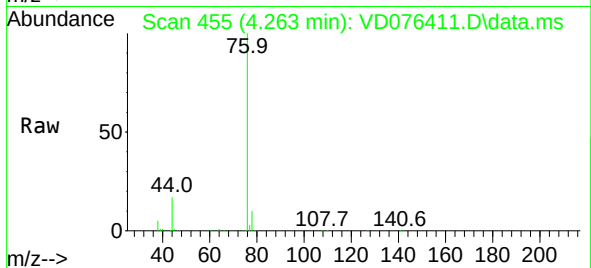
Tgt Ion: 43 Resp: 153427
Ion Ratio Lower Upper
43 100
58 30.2 34.7 52.1#





#17
Carbon Disulfide
Concen: 46.665 ug/l
RT: 4.263 min Scan# 411
Delta R.T. 0.000 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

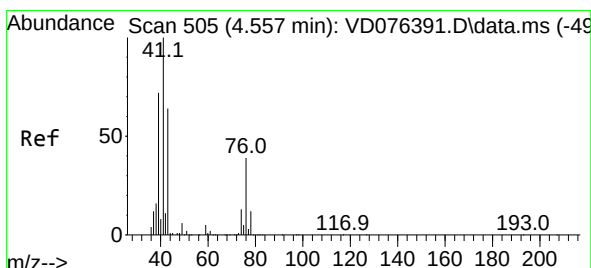
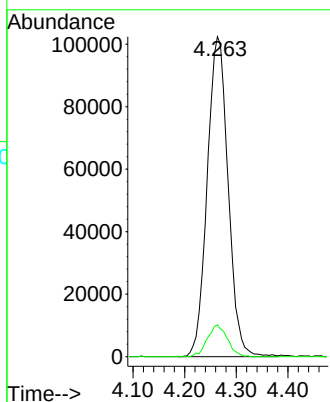
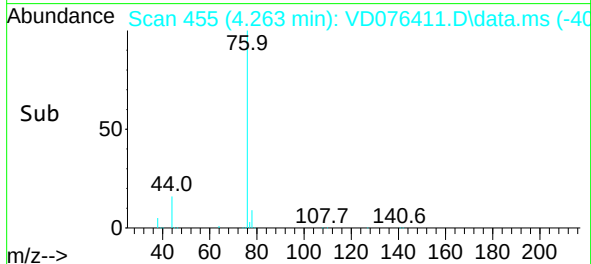
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



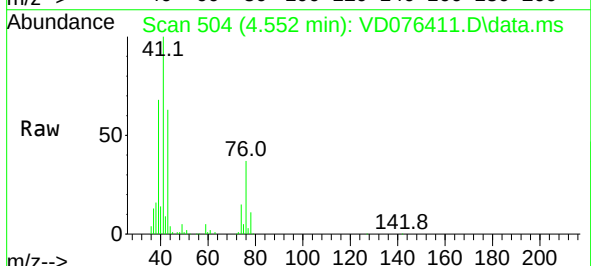
Tgt Ion: 76 Resp: 287129
Ion Ratio Lower Upper
76 100
78 9.9 6.8 10.2

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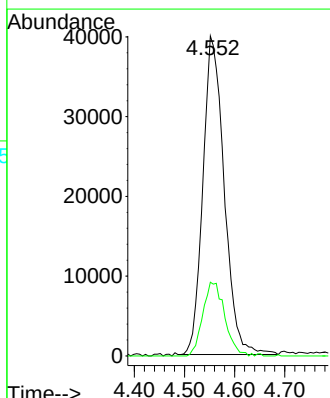
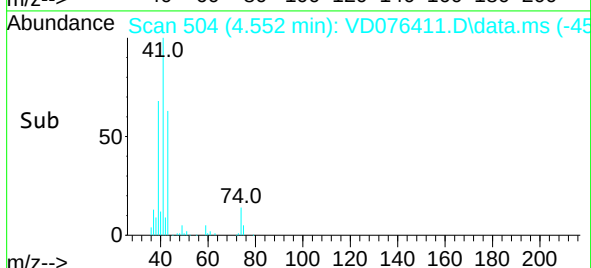
Reviewed By :Krupa Patel 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023

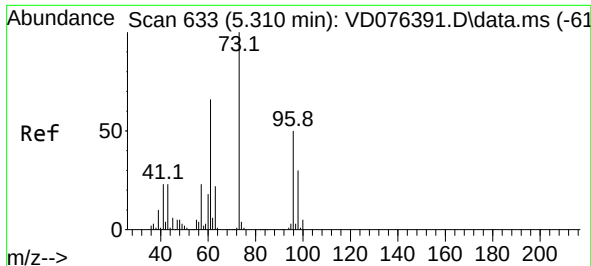


#18
Methyl Acetate
Concen: 47.508 ug/l
RT: 4.552 min Scan# 504
Delta R.T. -0.005 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05



Tgt Ion: 43 Resp: 117947
Ion Ratio Lower Upper
43 100
74 23.7 26.4 39.6#





#19

Methyl tert-butyl Ether

Concen: 47.505 ug/l

RT: 5.310 min Scan# 61

Delta R.T. -0.000 min

Lab File: VD076411.D

Acq: 14 Jun 2023 11:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 28227

Ion Ratio Lower Upper

73 100

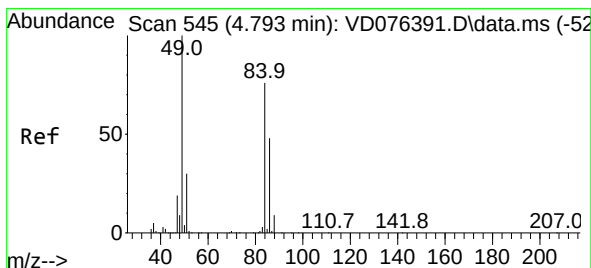
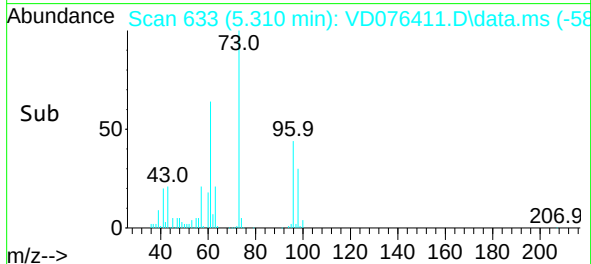
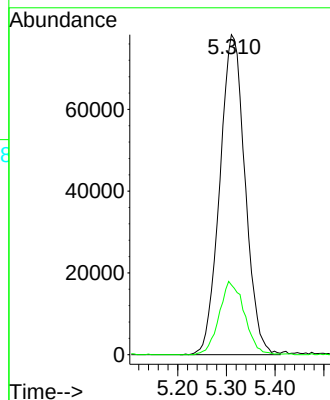
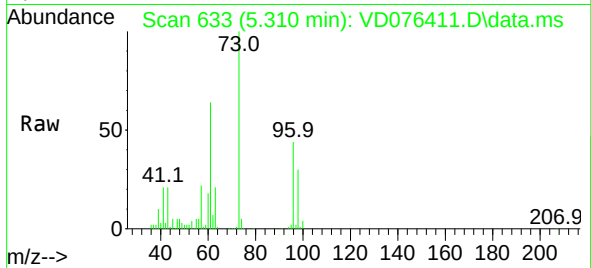
57 21.8 16.6 25.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/15/2023

Supervised By :Mahesh Dadoda 06/15/2023



#20

Methylene Chloride

Concen: 43.567 ug/l

RT: 4.793 min Scan# 545

Delta R.T. -0.000 min

Lab File: VD076411.D

Acq: 14 Jun 2023 11:05

Tgt Ion: 84 Resp: 126509

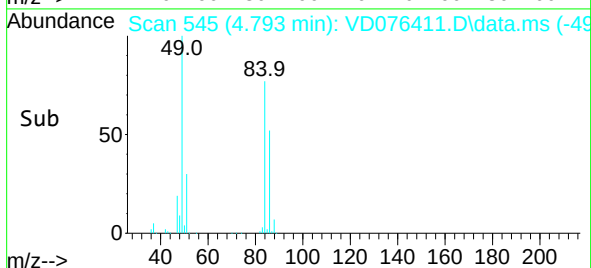
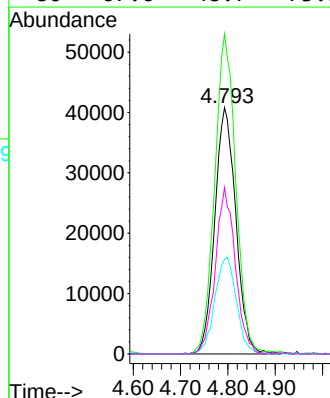
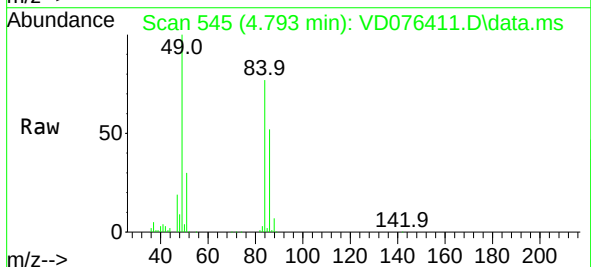
Ion Ratio Lower Upper

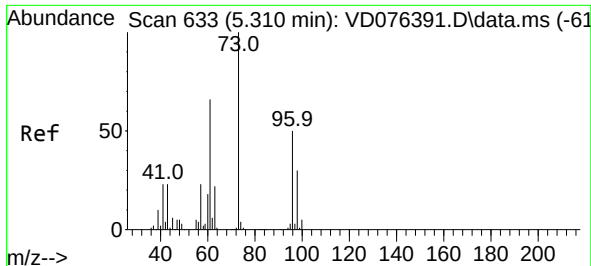
84 100

49 129.9 71.4 107.2#

51 38.5 24.5 36.7#

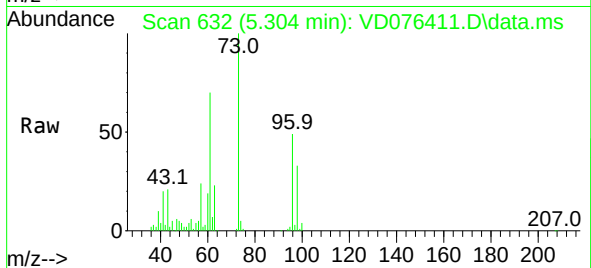
86 67.6 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 45.309 ug/l
RT: 5.304 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

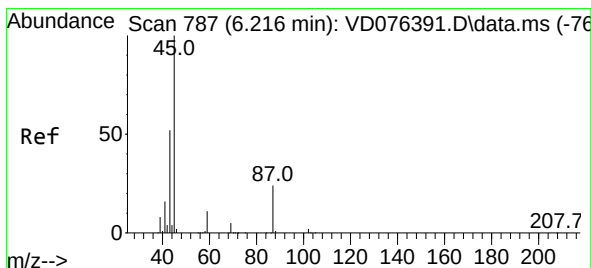
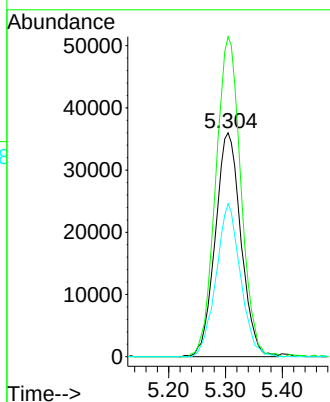
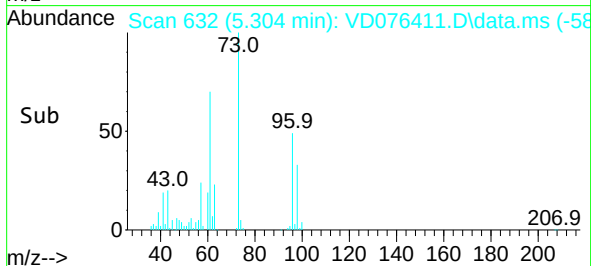
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



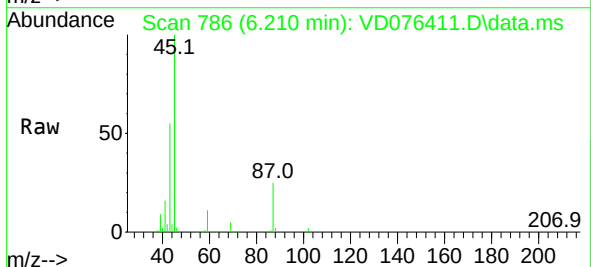
Tgt Ion: 96 Resp: 112758
Ion Ratio Lower Upper
96 100
61 142.9 89.3 133.9#
98 68.4 48.6 73.0

Manual Integrations
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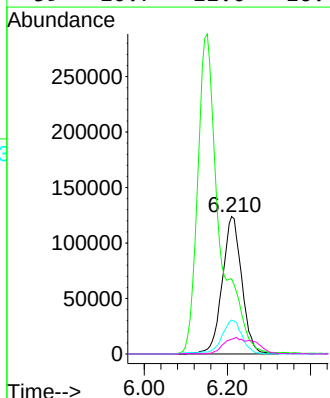
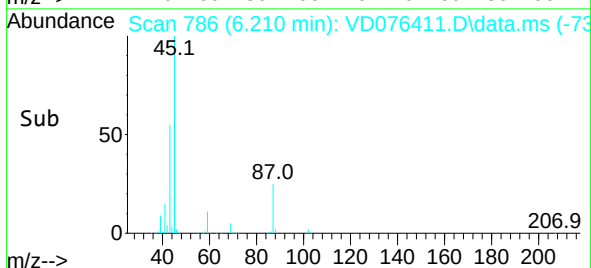
Reviewed By :Krupa Patel 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023

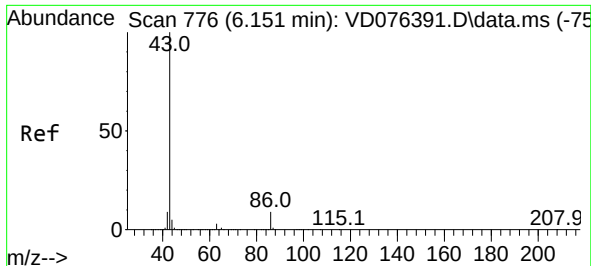


#22
Diisopropyl ether
Concen: 47.233 ug/l
RT: 6.210 min Scan# 786
Delta R.T. -0.006 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05



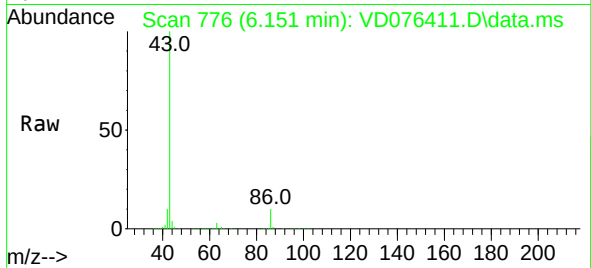
Tgt Ion: 45 Resp: 402702
Ion Ratio Lower Upper
45 100
43 54.2 40.0 60.0
87 24.5 28.2 42.4#
59 10.7 11.0 16.4#





#23
 Vinyl Acetate
 Concen: 285.614 ug/l
 RT: 6.151 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD076411.D
 Acq: 14 Jun 2023 11:05

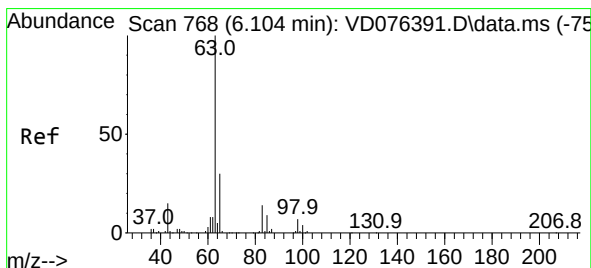
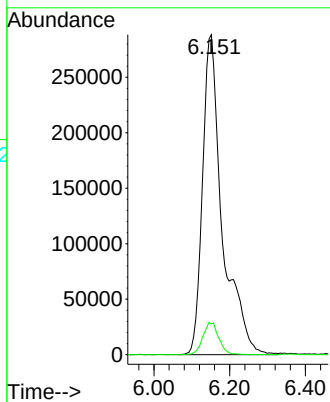
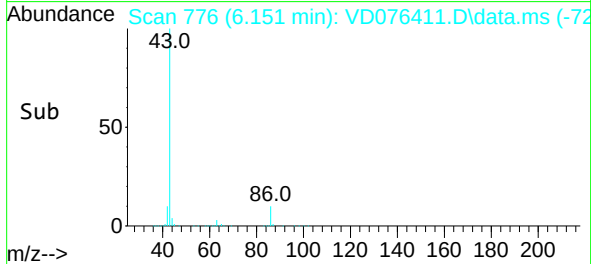
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



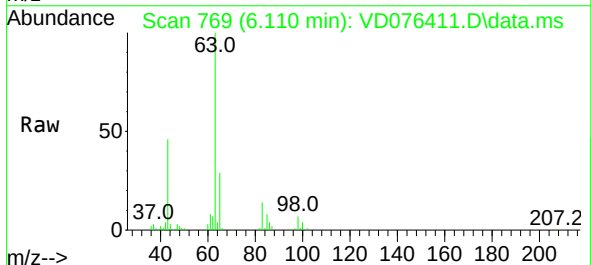
Tgt Ion: 43 Resp: 104584
 Ion Ratio Lower Upper
 43 100
 86 9.5 12.5 18.7

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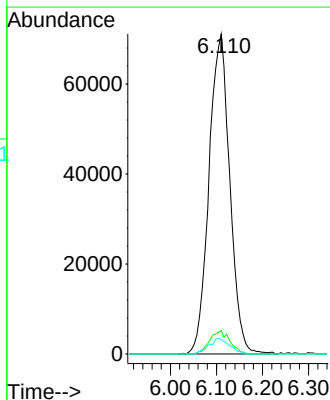
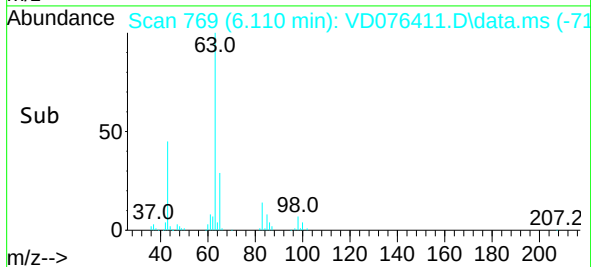
Reviewed By :Krupa Patel 06/15/2023
 Supervised By :Mahesh Dadoda 06/15/2023

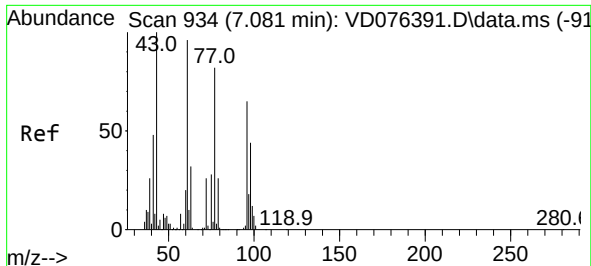


#24
 1,1-Dichloroethane
 Concen: 47.036 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.006 min
 Lab File: VD076411.D
 Acq: 14 Jun 2023 11:05



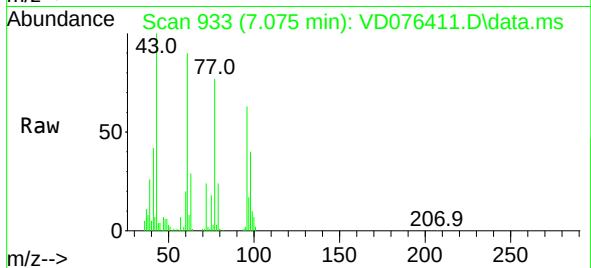
Tgt Ion: 63 Resp: 222905
 Ion Ratio Lower Upper
 63 100
 98 7.2 4.5 13.7
 100 4.5 2.5 7.5





#25
2-Butanone
Concen: 249.700 ug/l
RT: 7.075 min Scan# 911
Delta R.T. -0.006 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

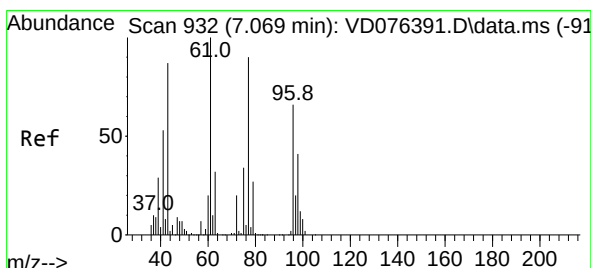
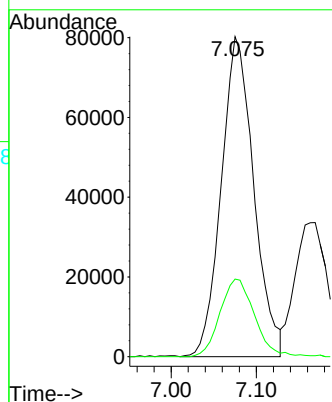
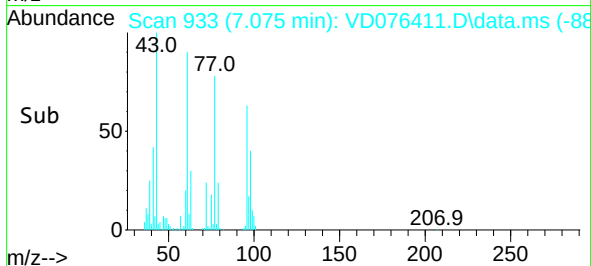
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 212660
Ion Ratio Lower Upper
43 100
72 24.3 30.7 46.1

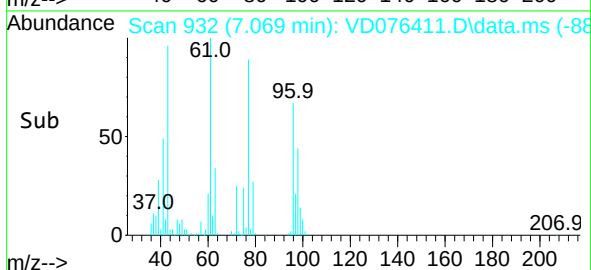
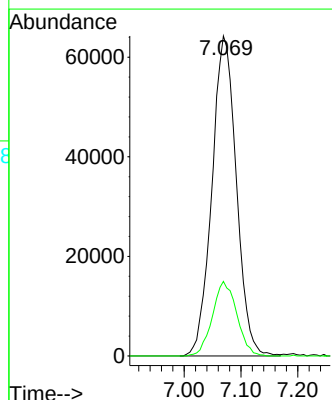
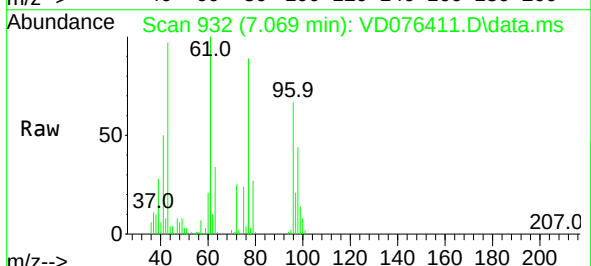
Manual Integrations
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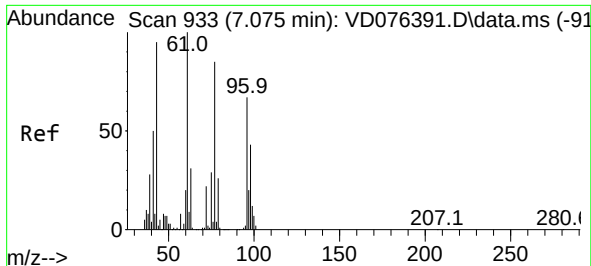
Reviewed By :Krupa Patel 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#26
2,2-Dichloropropane
Concen: 45.056 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.000 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

Tgt Ion: 77 Resp: 192250
Ion Ratio Lower Upper
77 100
97 23.2 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 47.664 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD076411.D

Acq: 14 Jun 2023 11:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 141200

Ion Ratio Lower Upper

96 100

61 143.8 0.0 239.2

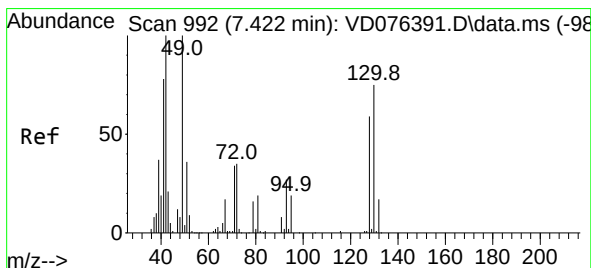
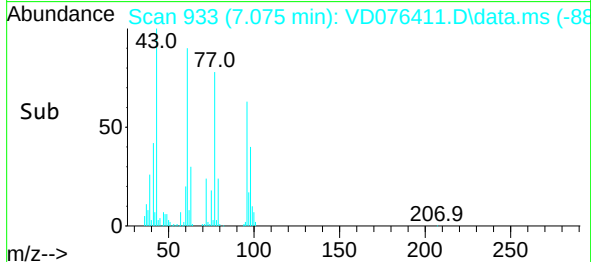
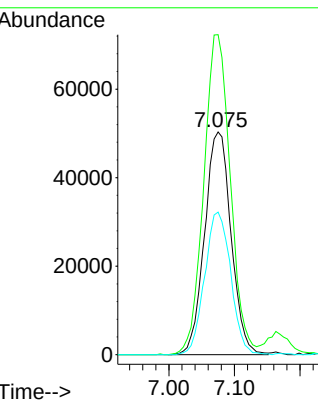
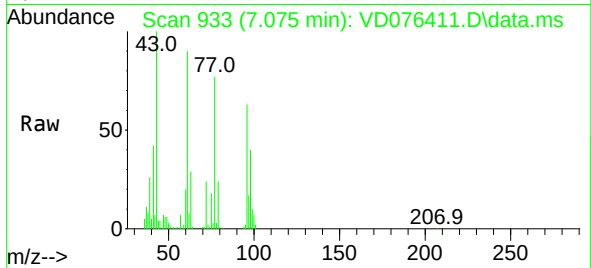
98 62.9 0.0 128.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/15/2023

Supervised By :Mahesh Dadoda 06/15/2023



#28

Bromochloromethane

Concen: 50.117 ug/l

RT: 7.416 min Scan# 991

Delta R.T. -0.006 min

Lab File: VD076411.D

Acq: 14 Jun 2023 11:05

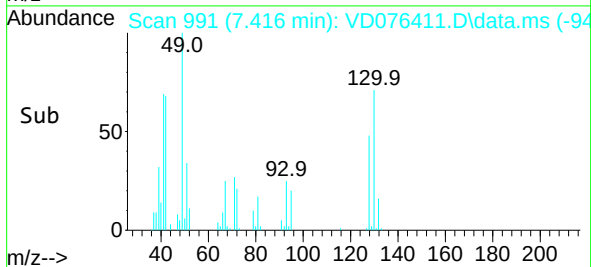
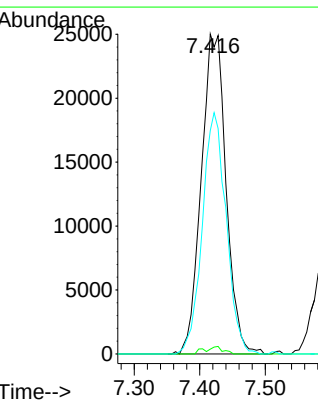
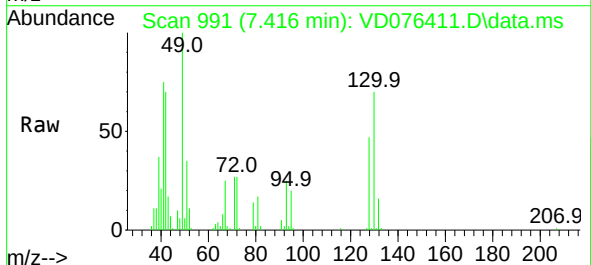
Tgt Ion: 49 Resp: 65657

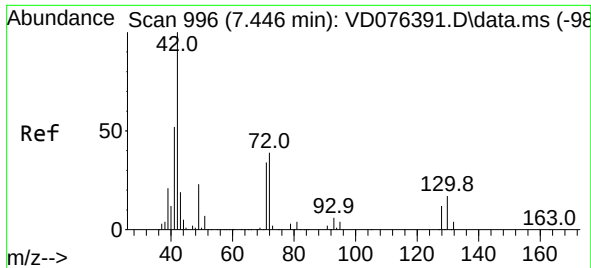
Ion Ratio Lower Upper

49 100

129 1.2 0.0 6.0

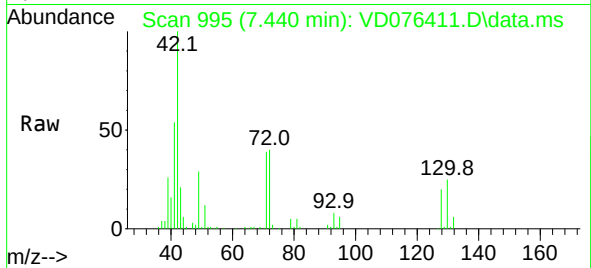
130 72.7 83.2 124.8#





#29
Tetrahydrofuran
Concen: 243.502 ug/l
RT: 7.440 min Scan# 995
Delta R.T. -0.006 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

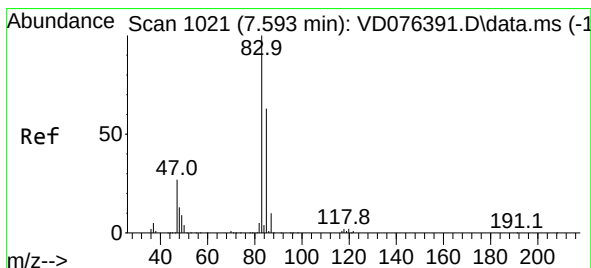
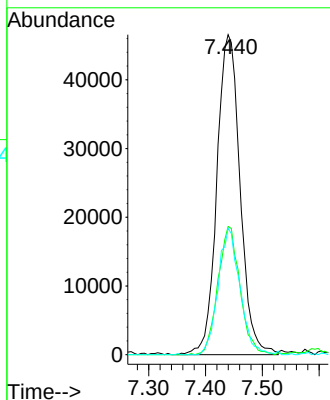
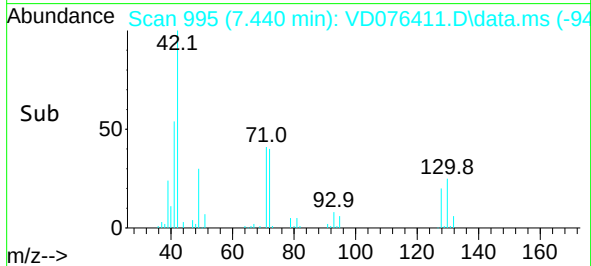
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



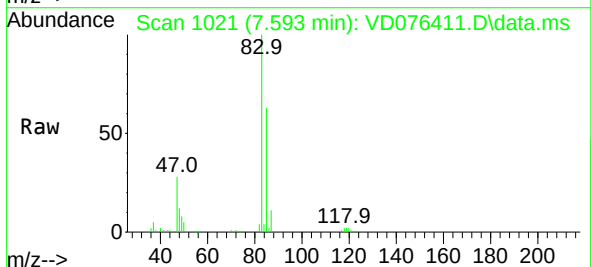
Tgt Ion: 42 Resp: 13231
Ion Ratio Lower Upper
42 100
72 37.9 46.5 69.7
71 37.1 44.5 66.7

Manual Integrations
APPROVED

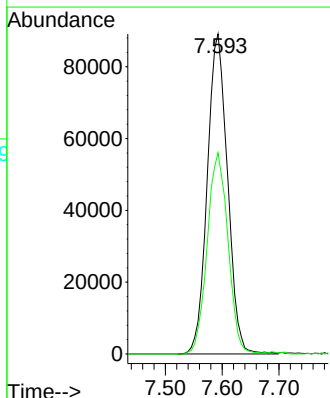
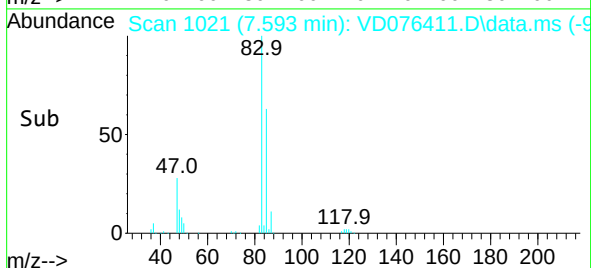
Reviewed By :Krupa Patel 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023

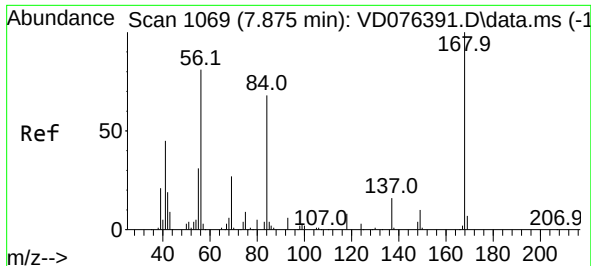


#30
Chloroform
Concen: 46.690 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05



Tgt Ion: 83 Resp: 220525
Ion Ratio Lower Upper
83 100
85 62.9 53.4 80.2





#31

Cyclohexane

Concen: 43.528 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.006 min

Lab File: VD076411.D

Acq: 14 Jun 2023 11:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 172519

Ion Ratio Lower Upper

56 100

69 33.1 28.6 43.0

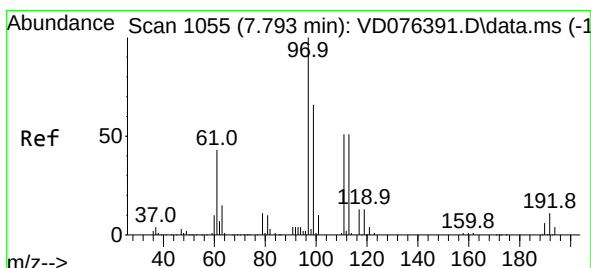
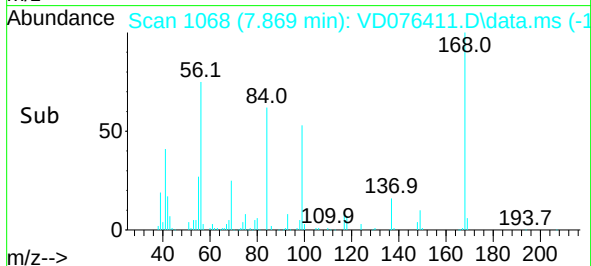
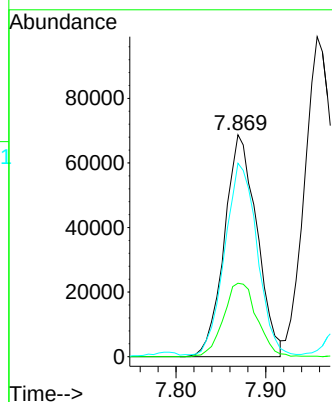
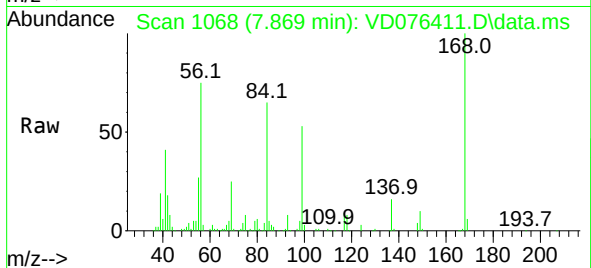
84 86.4 84.8 127.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/15/2023

Supervised By :Mahesh Dadoda 06/15/2023



#32

1,1,1-Trichloroethane

Concen: 45.403 ug/l

RT: 7.787 min Scan# 1054

Delta R.T. -0.006 min

Lab File: VD076411.D

Acq: 14 Jun 2023 11:05

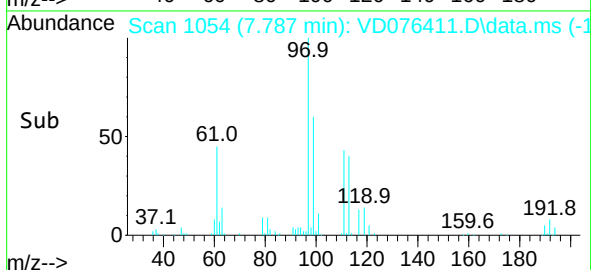
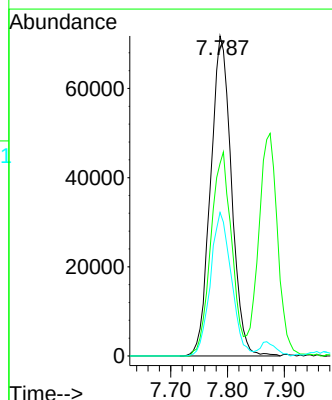
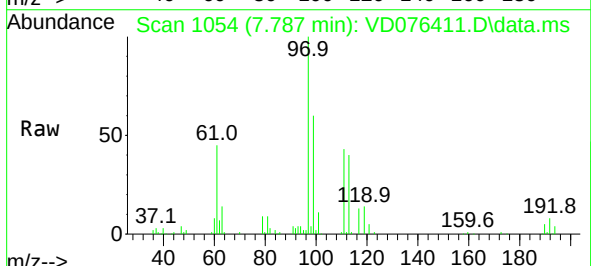
Tgt Ion: 97 Resp: 183145

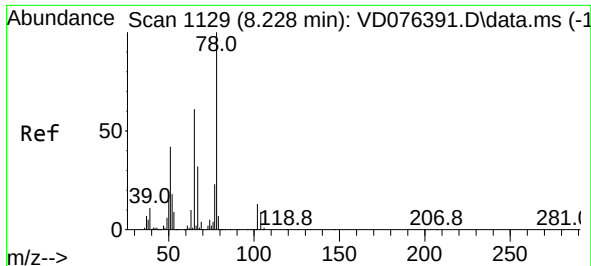
Ion Ratio Lower Upper

97 100

99 63.2 52.0 78.0

61 44.9 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 45.610 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076411.D

Acq: 14 Jun 2023 11:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 112980

Ion Ratio Lower Upper

65 100

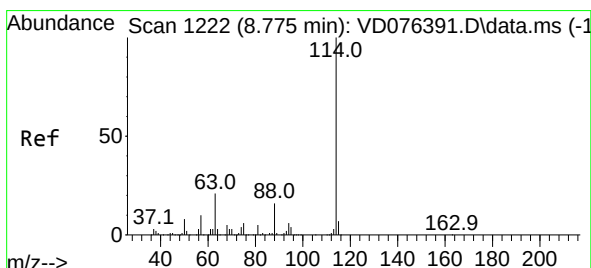
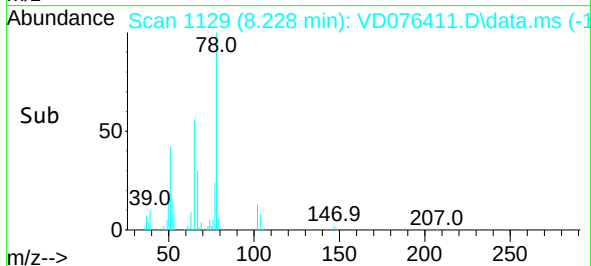
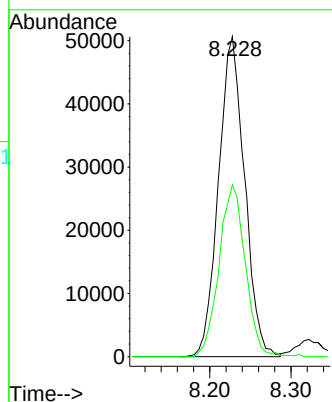
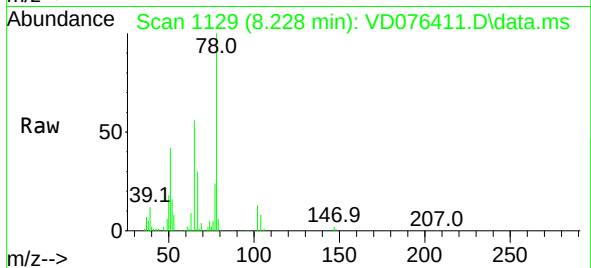
67 54.2 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/15/2023

Supervised By :Mahesh Dadoda 06/15/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD076411.D

Acq: 14 Jun 2023 11:05

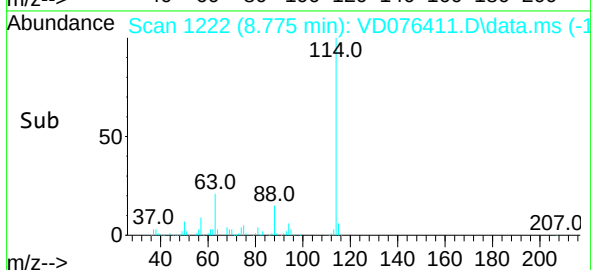
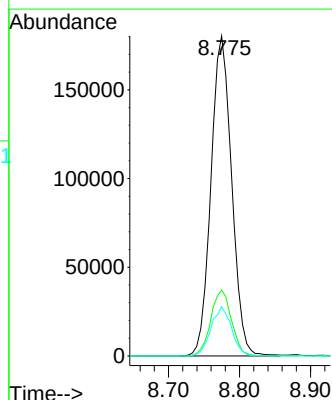
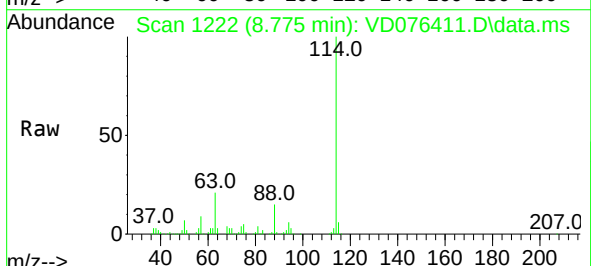
Tgt Ion:114 Resp: 365167

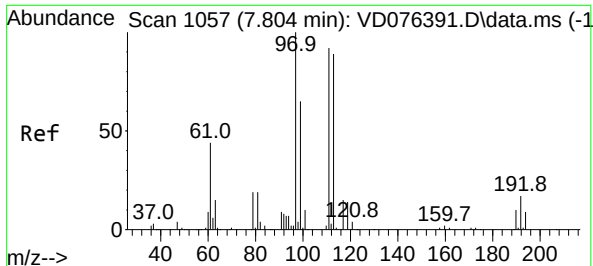
Ion Ratio Lower Upper

114 100

63 20.6 0.0 33.4

88 15.4 0.0 26.2





#35

Dibromofluoromethane

Concen: 48.457 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076411.D

Acq: 14 Jun 2023 11:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 113 Resp: 114364

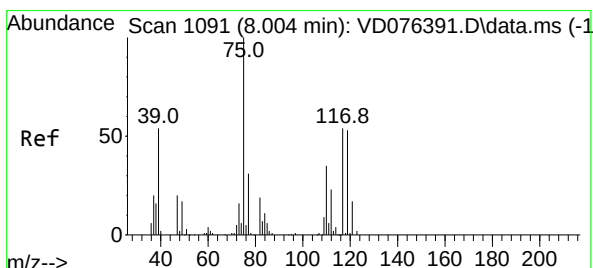
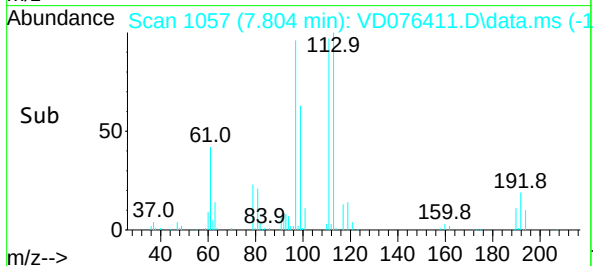
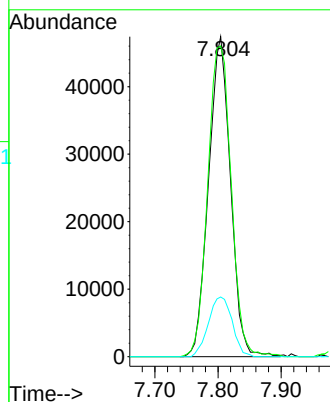
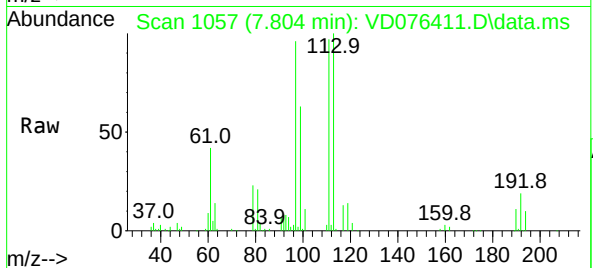
Ion	Ratio	Lower	Upper
113	100		
111	104.1	84.7	127.1
192	20.2	16.8	25.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/15/2023

Supervised By :Mahesh Dadoda 06/15/2023



#36

1,1-Dichloropropene

Concen: 46.394 ug/l

RT: 8.004 min Scan# 1091

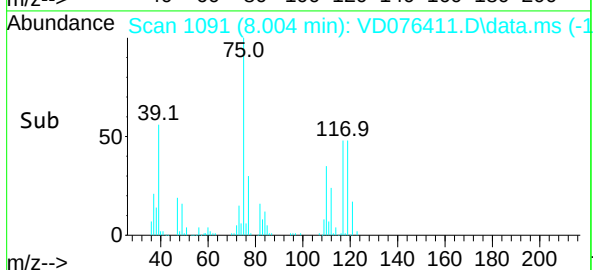
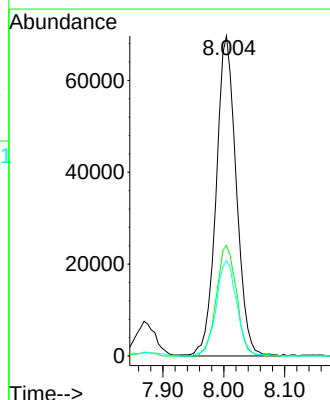
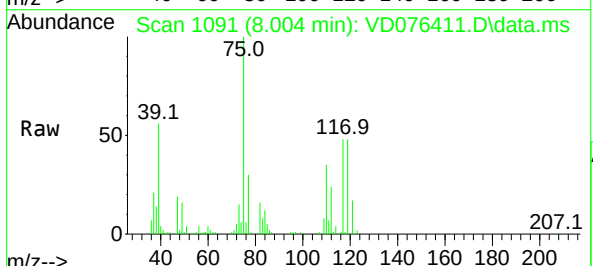
Delta R.T. -0.000 min

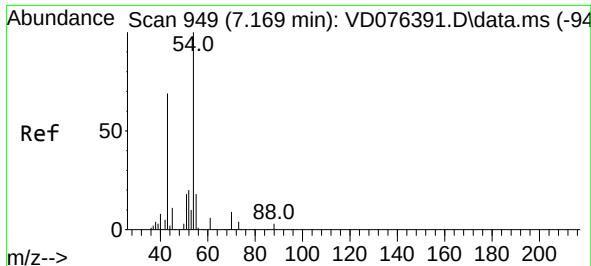
Lab File: VD076411.D

Acq: 14 Jun 2023 11:05

Tgt Ion: 75 Resp: 159820

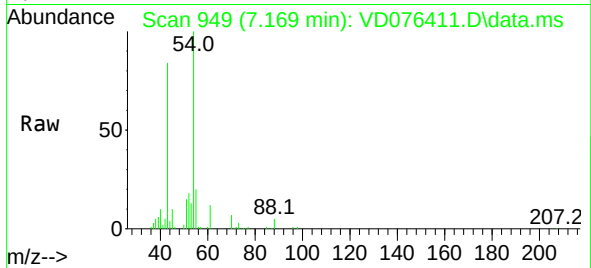
Ion	Ratio	Lower	Upper
75	100		
110	34.6	19.9	59.6
77	30.5	24.7	37.1





#37
Ethyl Acetate
Concen: 50.851 ug/l
RT: 7.169 min Scan# 949
Delta R.T. -0.000 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

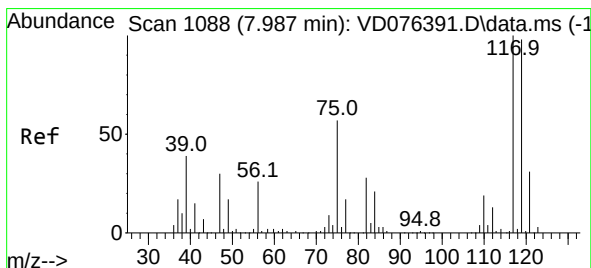
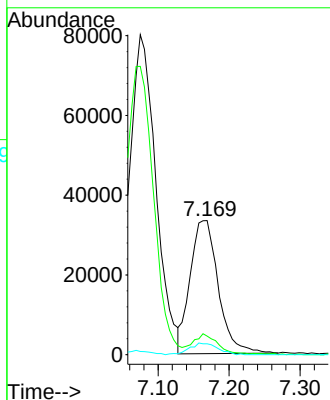
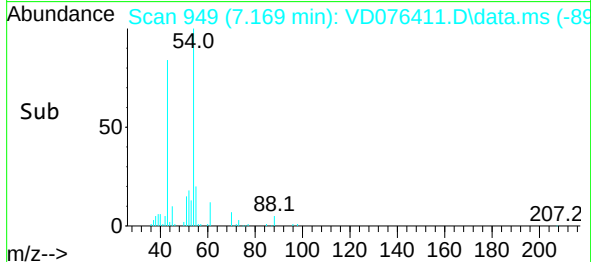
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 92138
Ion Ratio Lower Upper
43 100
61 13.0 14.9 22.3
70 8.7 10.0 15.0

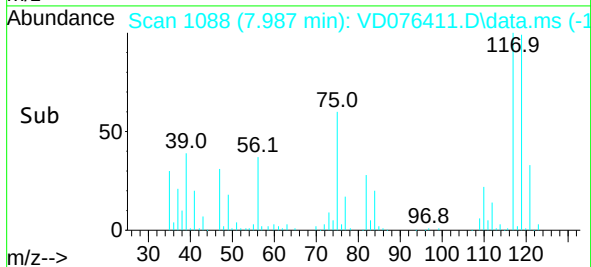
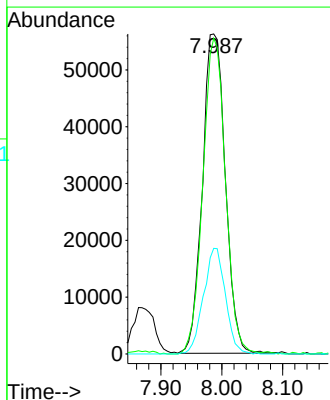
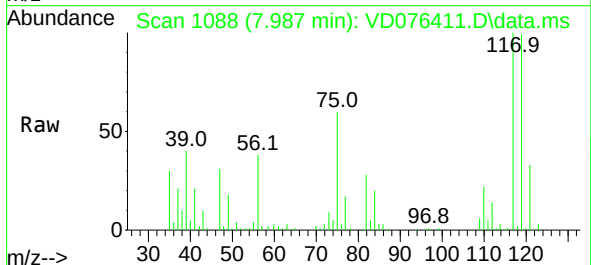
Manual Integrations
APPROVED

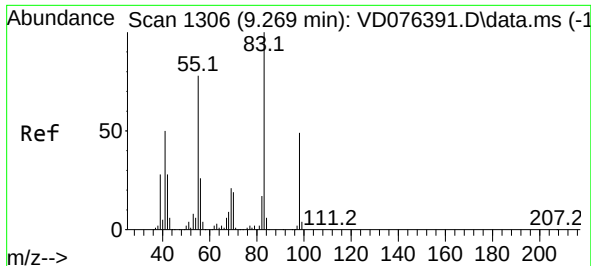
Reviewed By :Krupa Patel 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#38
Carbon Tetrachloride
Concen: 45.948 ug/l
RT: 7.987 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

Tgt Ion:117 Resp: 146956
Ion Ratio Lower Upper
117 100
119 98.9 78.0 117.0
121 33.1 24.2 36.2





#39

Methylcyclohexane

Concen: 47.094 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.000 min

Lab File: VD076411.D

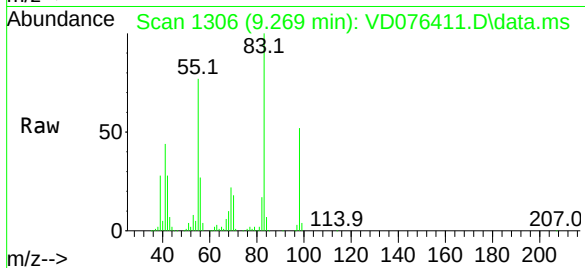
Acq: 14 Jun 2023 11:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050



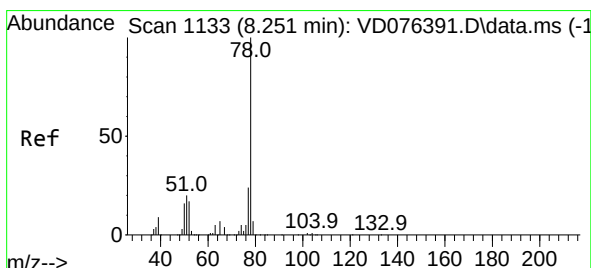
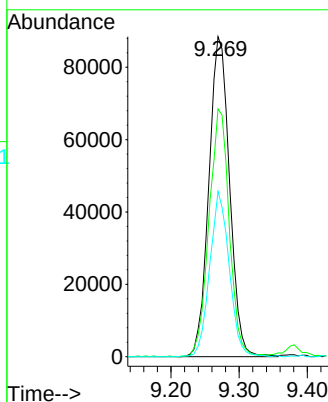
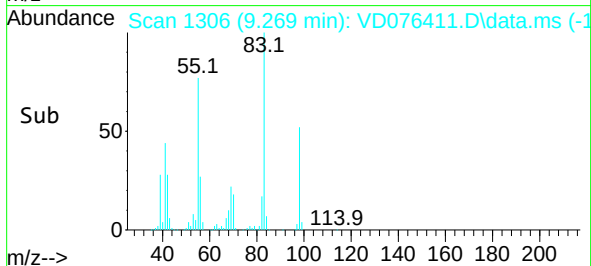
Tgt Ion:	83	Resp:	186798
Ion	Ratio	Lower	Upper
83	100		
55	77.4	49.4	74.0
98	51.7	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/15/2023

Supervised By :Mahesh Dadoda 06/15/2023



#40

Benzene

Concen: 47.554 ug/l

RT: 8.245 min Scan# 1132

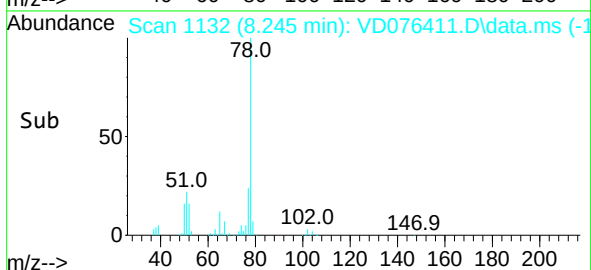
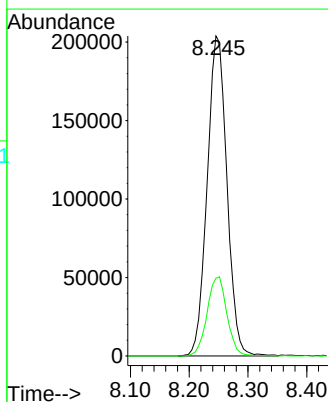
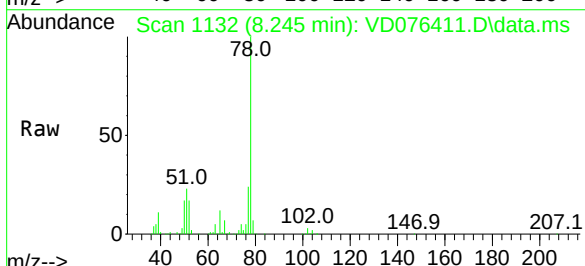
Delta R.T. -0.006 min

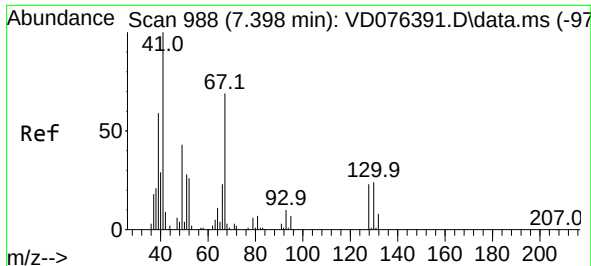
Lab File: VD076411.D

Acq: 14 Jun 2023 11:05

Tgt Ion: 78 Resp: 476236

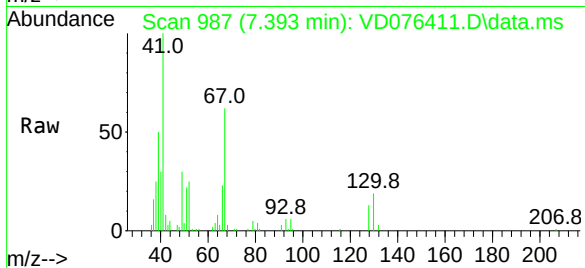
Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.4	29.0





#41
Methacrylonitrile
Concen: 44.589 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

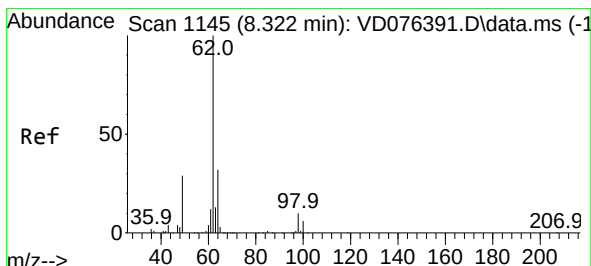
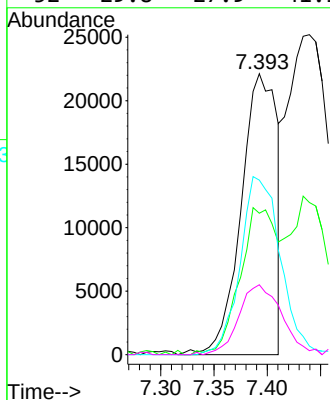
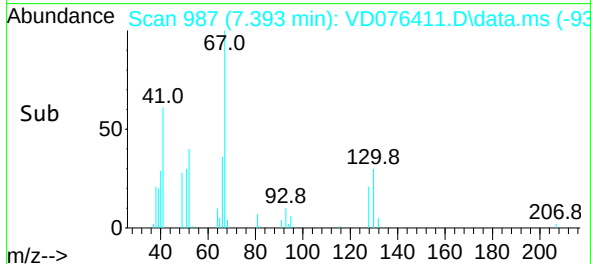
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



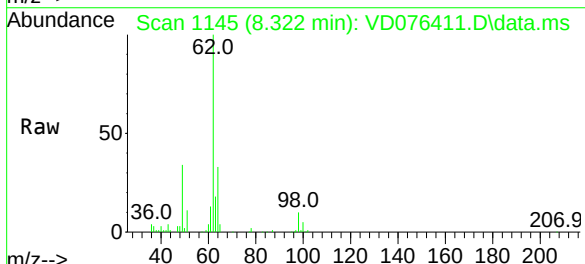
Tgt Ion: 41 Resp: 51684
Ion Ratio Lower Upper
41 100
39 52.9 34.0 51.0
67 71.7 77.0 115.4
52 29.8 27.9 41.9

Manual Integrations
APPROVED

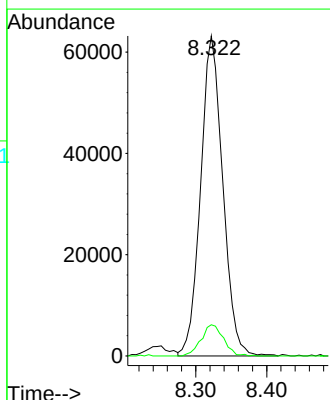
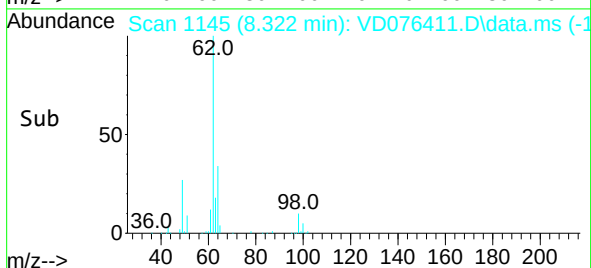
Reviewed By :Krupa Patel 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023

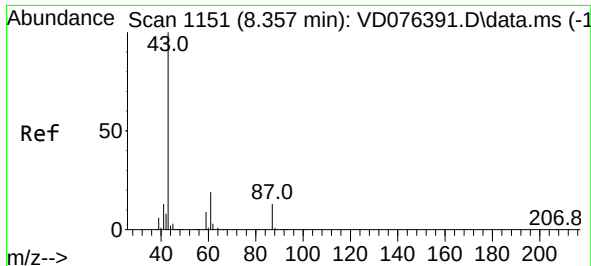


#42
1,2-Dichloroethane
Concen: 46.039 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05



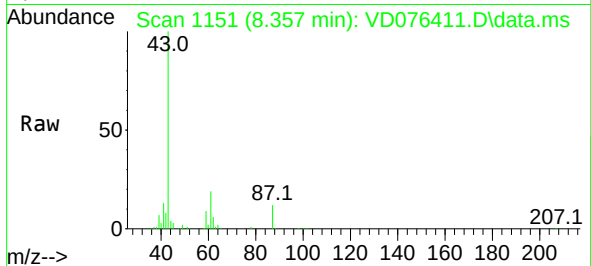
Tgt Ion: 62 Resp: 137298
Ion Ratio Lower Upper
62 100
98 9.9 0.0 25.4





#43
Isopropyl Acetate
Concen: 47.770 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.000 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

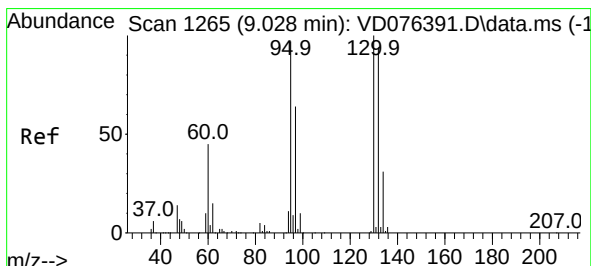
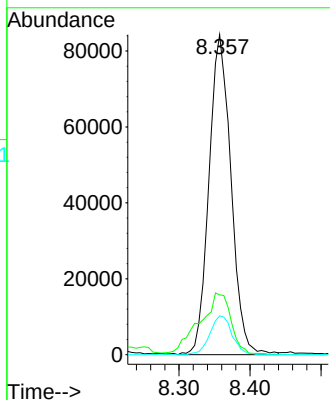
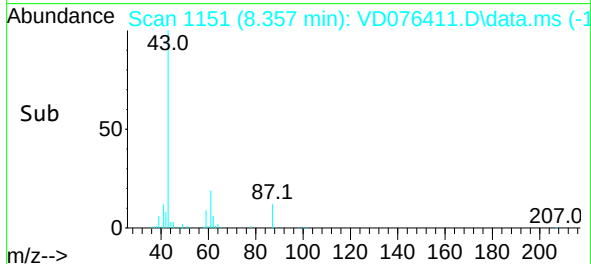
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 181472
Ion Ratio Lower Upper
43 100
61 27.9 31.4 47.0
87 12.1 14.9 22.3

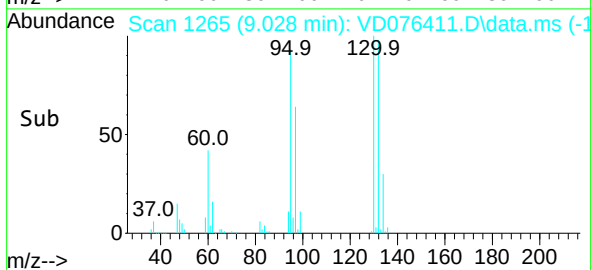
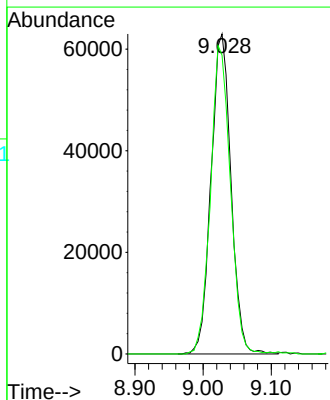
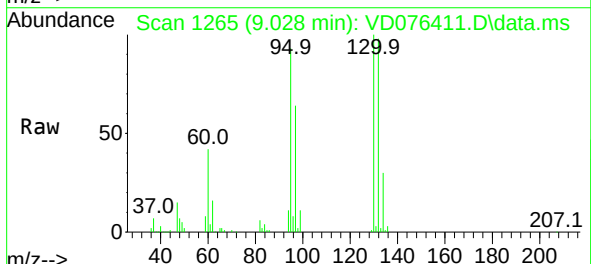
Manual Integrations
APPROVED

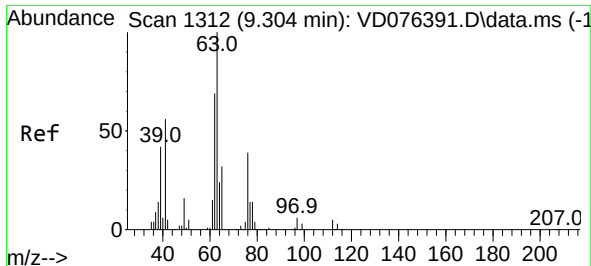
Reviewed By :Krupa Patel 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#44
Trichloroethene
Concen: 47.247 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

Tgt Ion:130 Resp: 128267
Ion Ratio Lower Upper
130 100
95 93.3 0.0 179.2





#45

1,2-Dichloropropane

Concen: 48.955 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD076411.D

Acq: 14 Jun 2023 11:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 130304

Ion Ratio Lower Upper

63 100

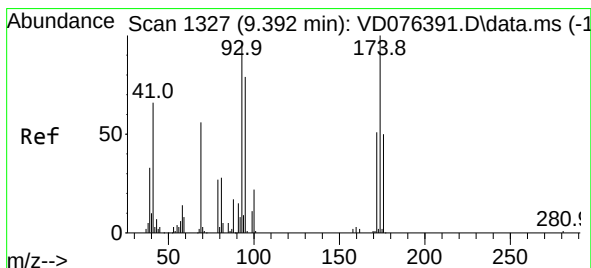
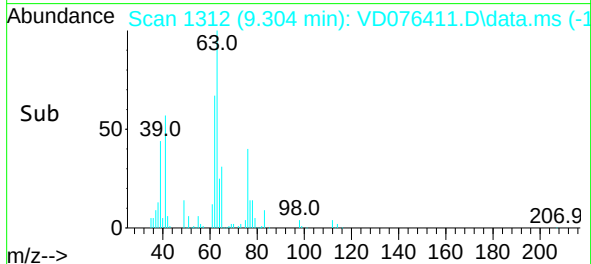
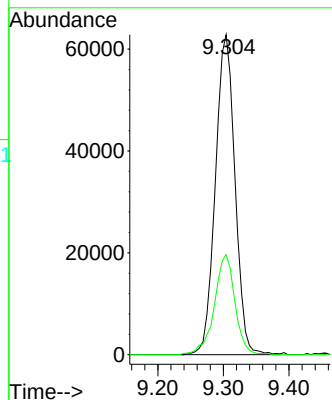
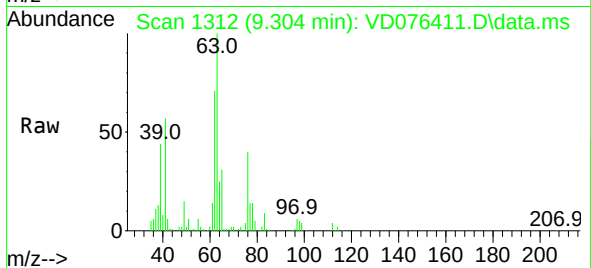
65 31.2 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/15/2023

Supervised By :Mahesh Dadoda 06/15/2023



#46

Dibromomethane

Concen: 47.336 ug/l

RT: 9.392 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD076411.D

Acq: 14 Jun 2023 11:05

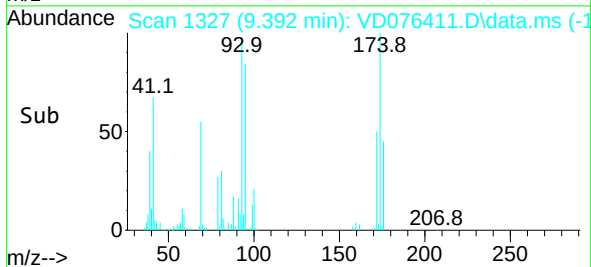
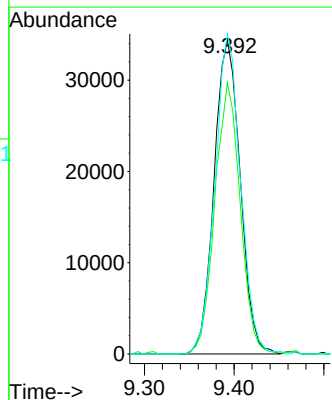
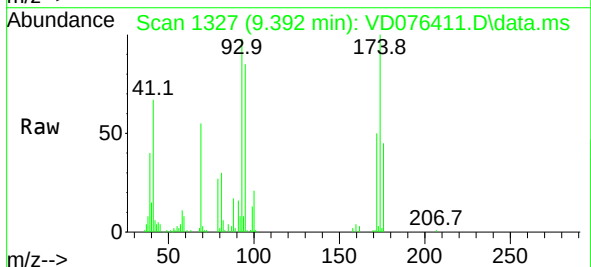
Tgt Ion: 93 Resp: 69533

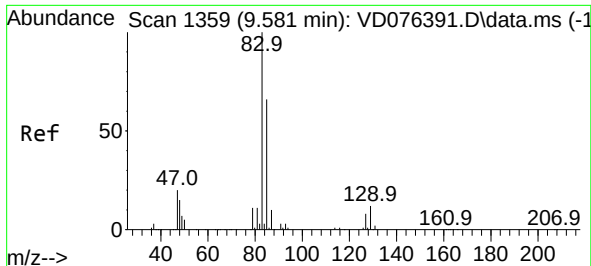
Ion Ratio Lower Upper

93 100

95 84.1 67.7 101.5

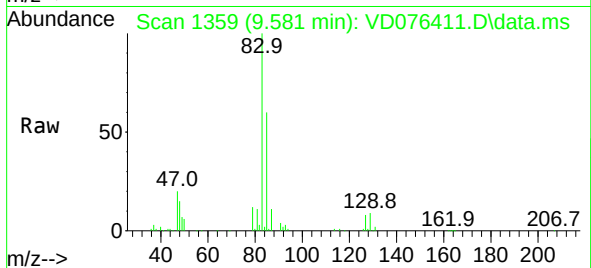
174 99.8 85.4 128.2





#47
Bromodichloromethane
Concen: 46.850 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

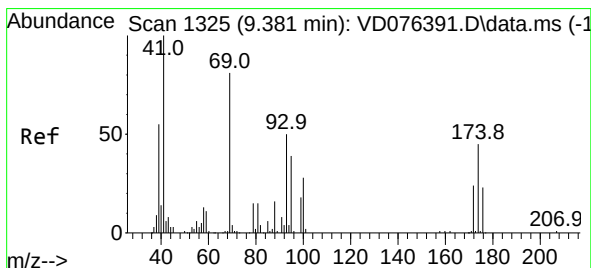
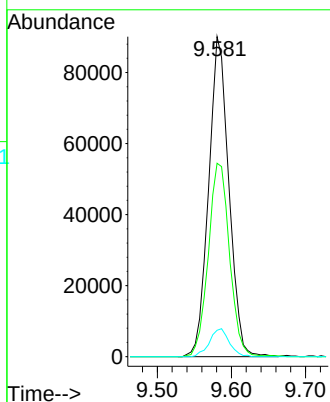
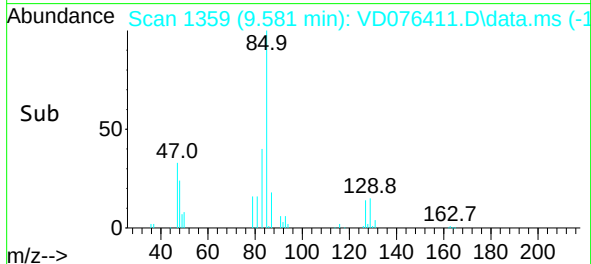
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



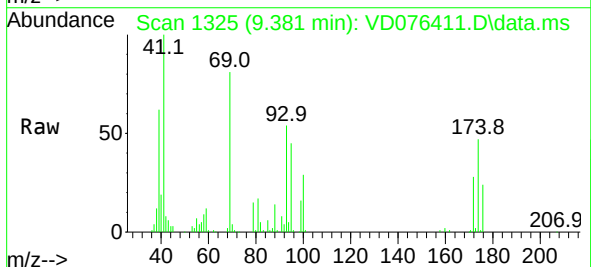
Tgt Ion: 83 Resp: 170479
Ion Ratio Lower Upper
83 100
85 60.5 50.2 75.4
127 8.2 6.3 9.5

Manual Integrations
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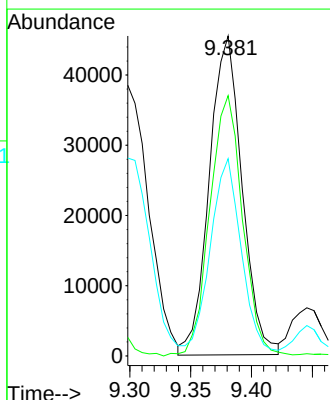
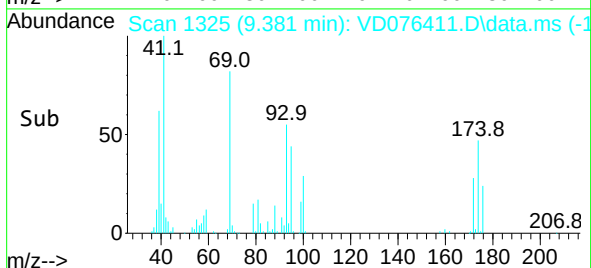
Reviewed By :Krupa Patel 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023

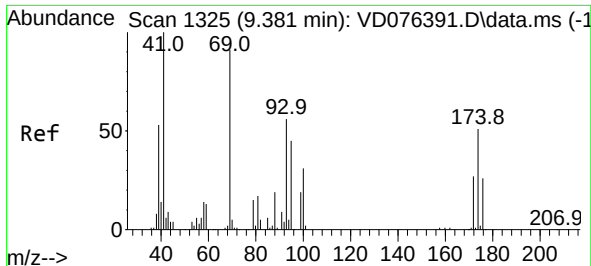


#48
Methyl methacrylate
Concen: 46.793 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05



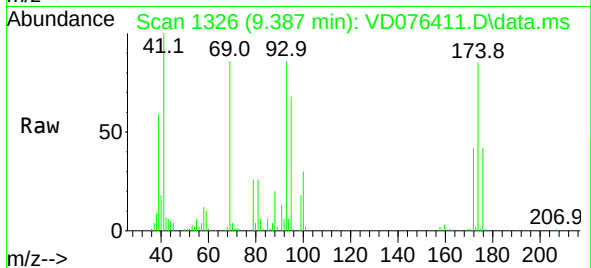
Tgt Ion: 41 Resp: 85199
Ion Ratio Lower Upper
41 100
69 81.6 102.2 153.2#
39 54.9 41.4 62.2





#49
1,4-Dioxane
Concen: 930.841 ug/l
RT: 9.387 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

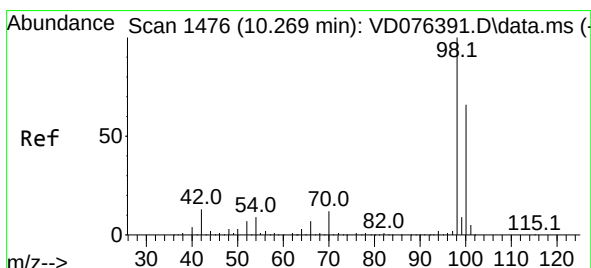
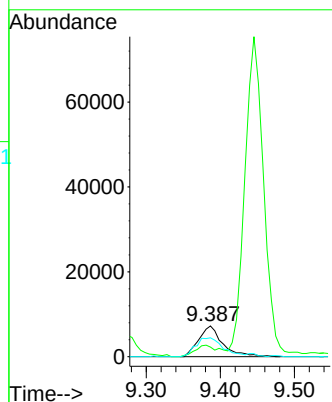
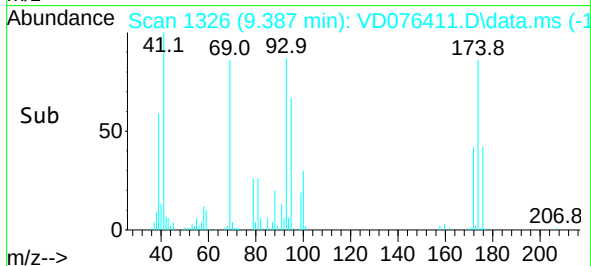
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 1622
Ion Ratio Lower Upper
88 100
43 36.0 19.0 28.6
58 70.4 43.5 65.3

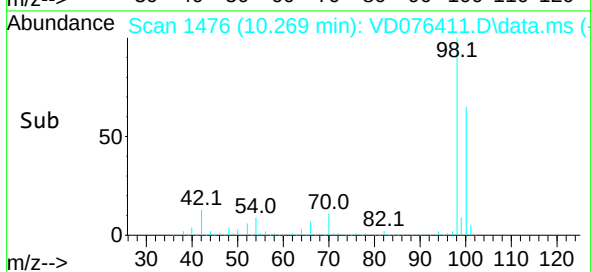
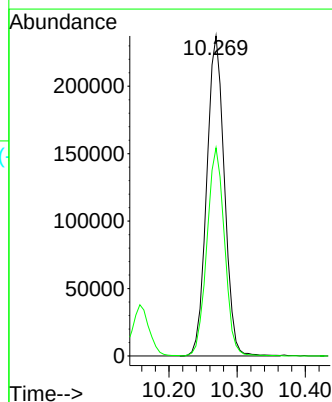
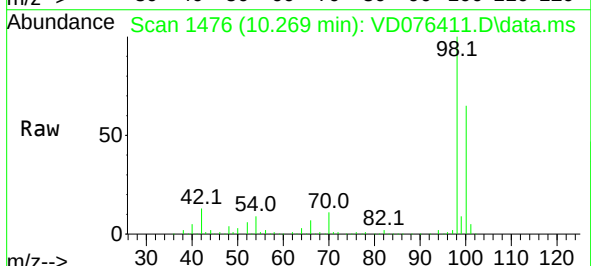
Manual Integrations
APPROVED

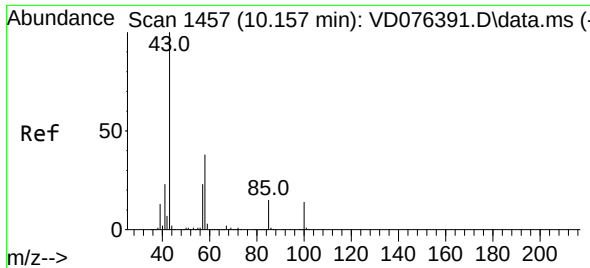
Reviewed By :Krupa Patel 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#50
Toluene-d8
Concen: 47.741 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

Tgt Ion: 98 Resp: 426986
Ion Ratio Lower Upper
98 100
100 65.0 50.3 75.5





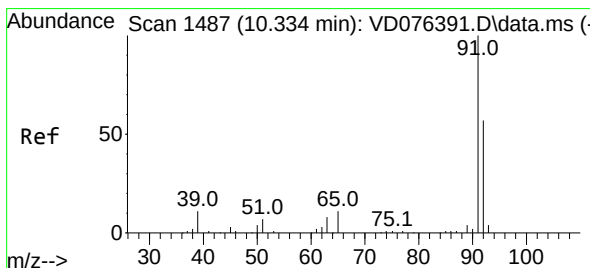
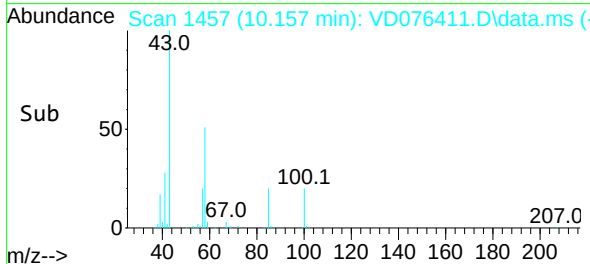
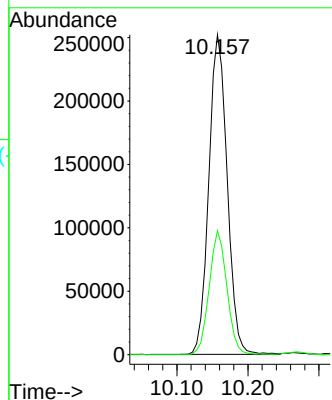
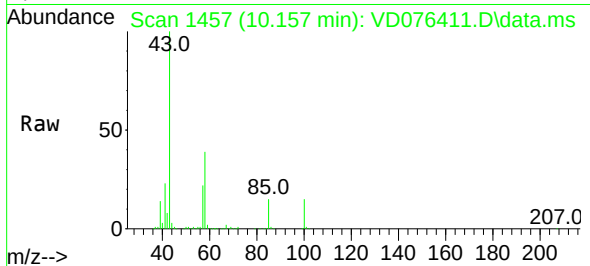
#51
4-Methyl-2-Pentanone
Concen: 240.345 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 45349
Ion Ratio Lower Upper
43 100
58 37.4 38.9 58.3

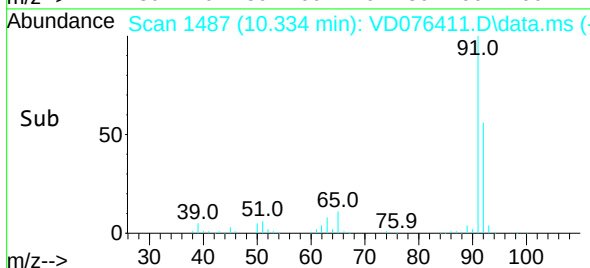
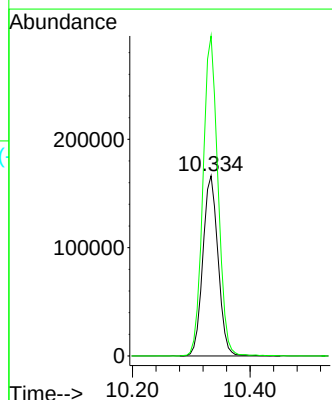
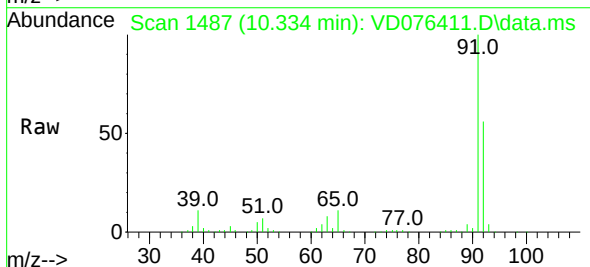
Manual Integrations
APPROVED

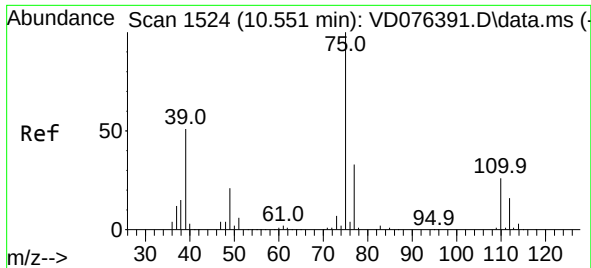
Reviewed By :Krupa Patel 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#52
Toluene
Concen: 47.061 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

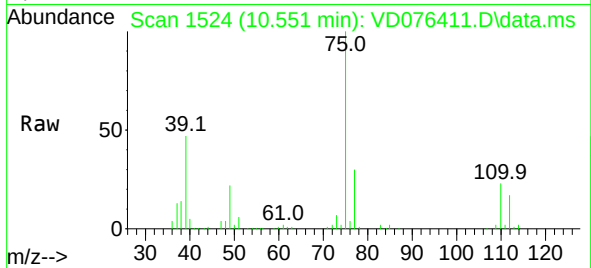
Tgt Ion: 92 Resp: 297943
Ion Ratio Lower Upper
92 100
91 175.6 143.0 214.4





#53
 t-1,3-Dichloropropene
 Concen: 46.944 ug/l
 RT: 10.551 min Scan# 1524
 Delta R.T. -0.000 min
 Lab File: VD076411.D
 Acq: 14 Jun 2023 11:05

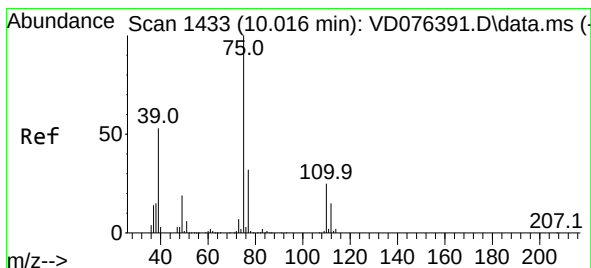
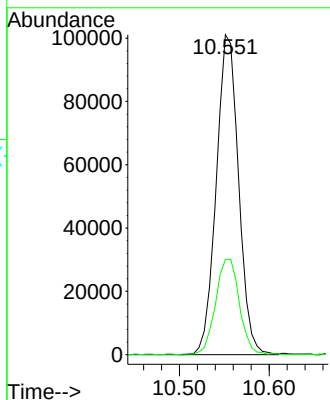
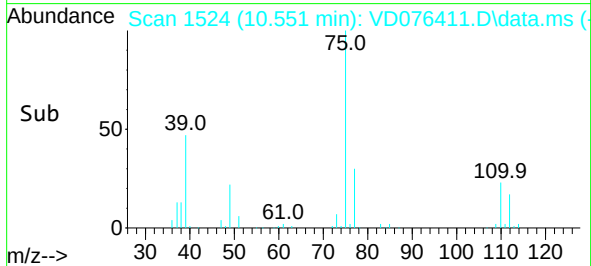
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



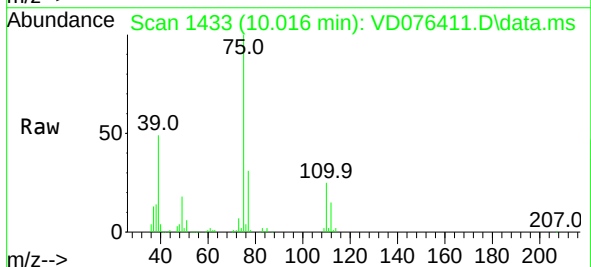
Tgt Ion: 75 Resp: 174714
 Ion Ratio Lower Upper
 75 100
 77 29.7 25.3 37.9

Manual Integrations
 APPROVED

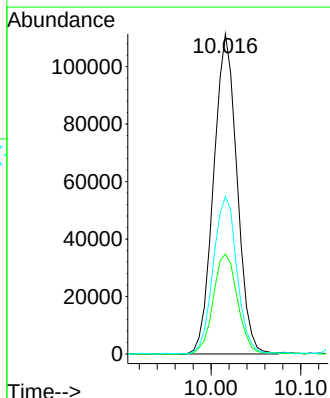
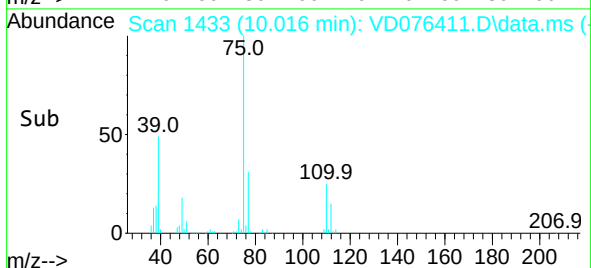
Reviewed By :Krupa Patel 06/15/2023
 Supervised By :Mahesh Dadoda 06/15/2023

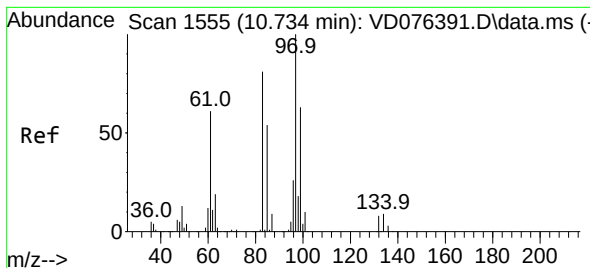


#54
 cis-1,3-Dichloropropene
 Concen: 47.088 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD076411.D
 Acq: 14 Jun 2023 11:05



Tgt Ion: 75 Resp: 201536
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.5 38.3
 39 49.2 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 47.528 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD076411.D

Acq: 14 Jun 2023 11:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

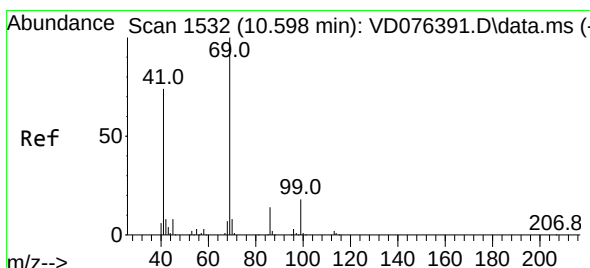
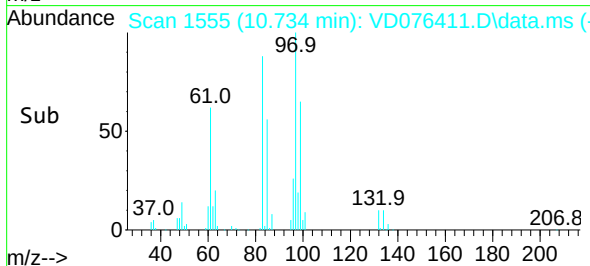
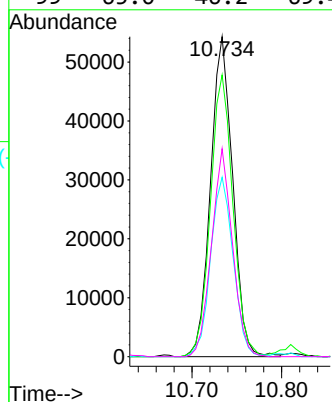
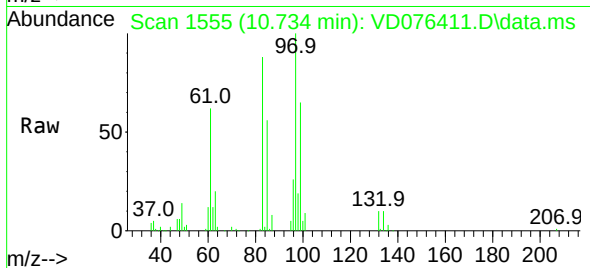
Tgt Ion:	97	Resp:	9325
Ion	Ratio	Lower	Upper
97	100		
83	88.1	65.8	98.6
85	56.1	45.7	68.5
99	65.0	46.2	69.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/15/2023

Supervised By :Mahesh Dadoda 06/15/2023



#56

Ethyl methacrylate

Concen: 47.774 ug/l

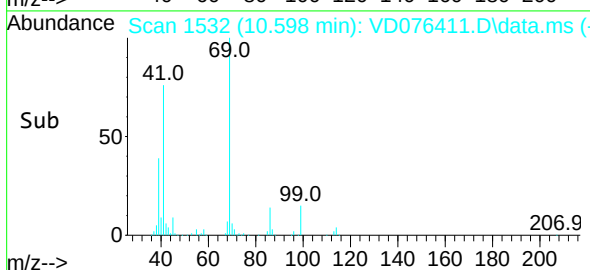
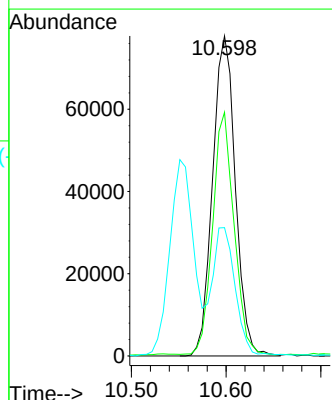
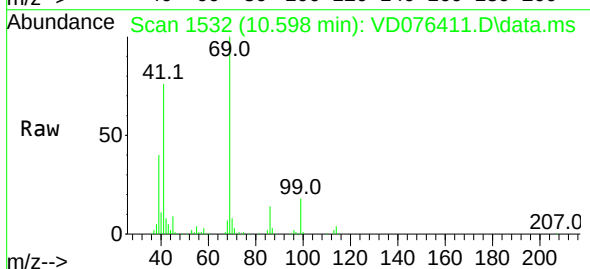
RT: 10.598 min Scan# 1532

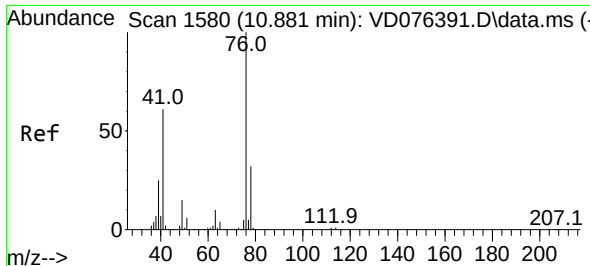
Delta R.T. -0.000 min

Lab File: VD076411.D

Acq: 14 Jun 2023 11:05

Tgt Ion:	69	Resp:	130173
Ion	Ratio	Lower	Upper
69	100		
41	71.2	39.1	58.7#
39	40.6	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 47.920 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD076411.D

Acq: 14 Jun 2023 11:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 163550

Ion Ratio Lower Upper

76 100

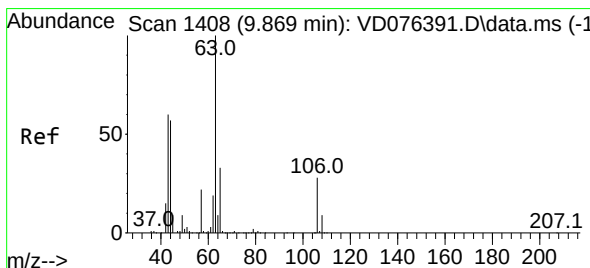
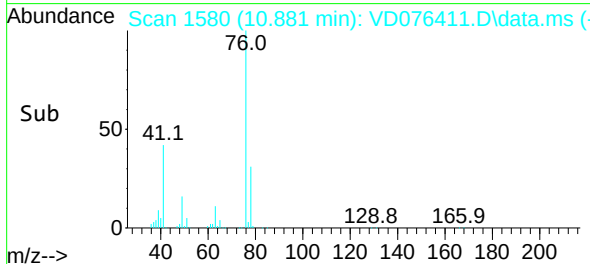
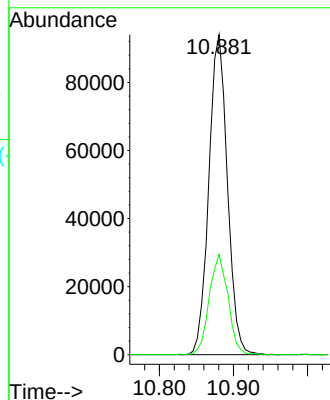
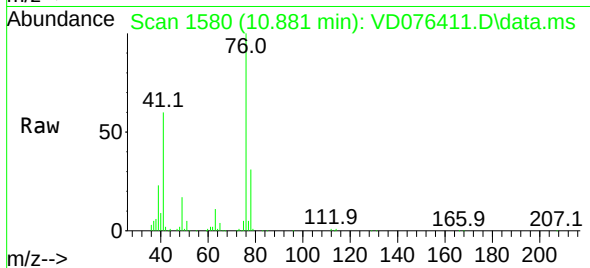
78 31.8 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/15/2023

Supervised By :Mahesh Dadoda 06/15/2023



#58

2-Chloroethyl Vinyl ether

Concen: 241.142 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD076411.D

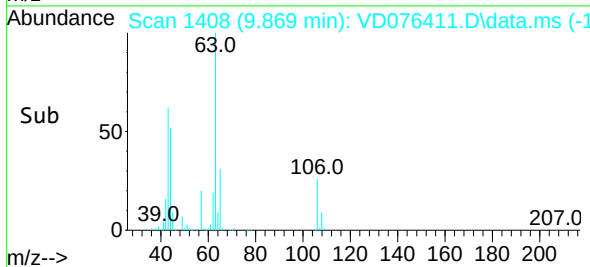
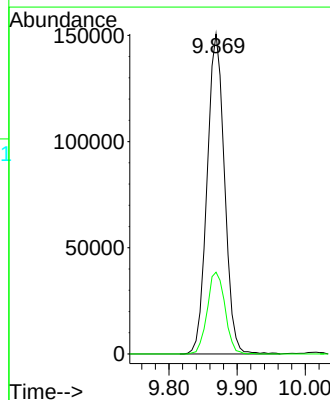
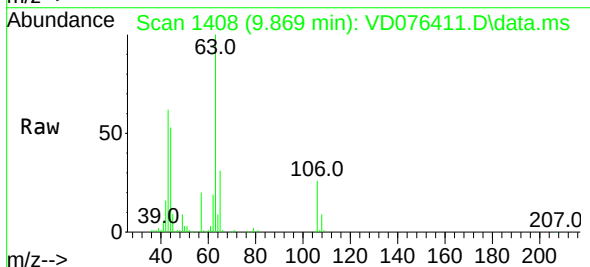
Acq: 14 Jun 2023 11:05

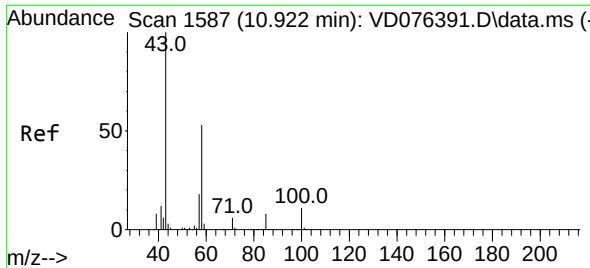
Tgt Ion: 63 Resp: 267640

Ion Ratio Lower Upper

63 100

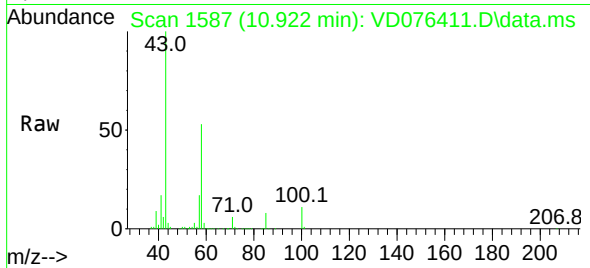
106 26.0 25.3 37.9





#59
2-Hexanone
Concen: 249.676 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

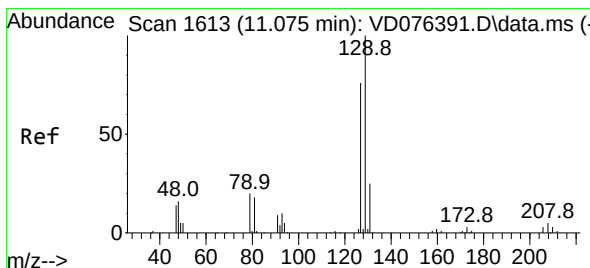
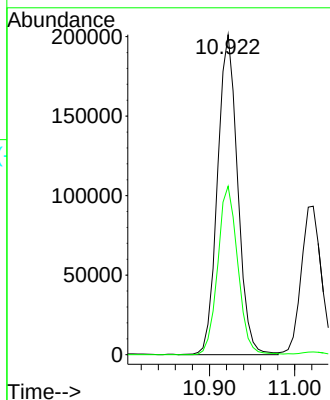
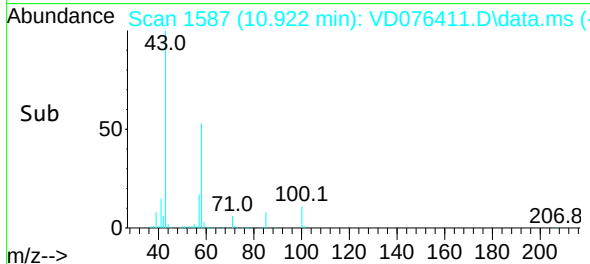
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 330220
Ion Ratio Lower Upper
43 100
58 52.4 34.1 102.2

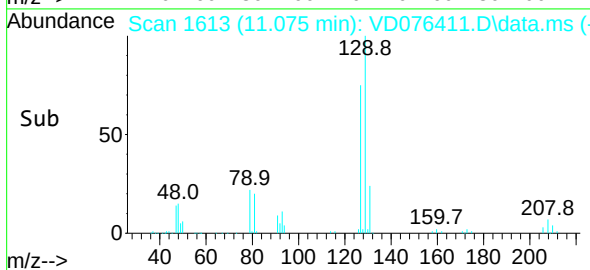
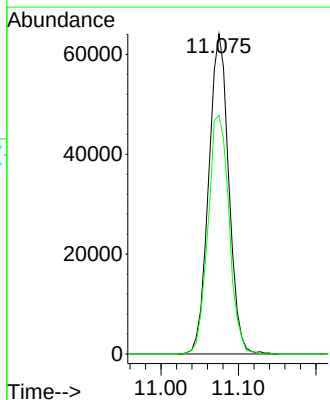
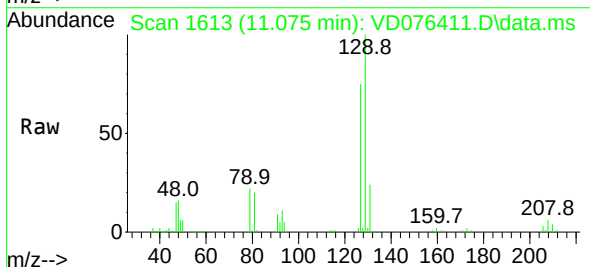
Manual Integrations
APPROVED

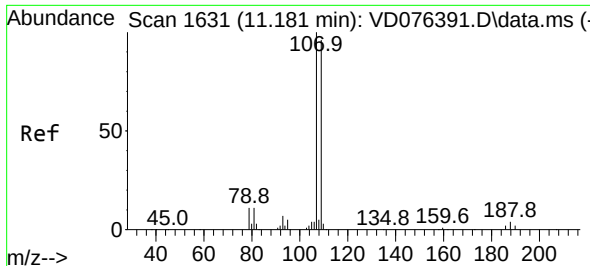
Reviewed By :Krupa Patel 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#60
Dibromochloromethane
Concen: 47.363 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

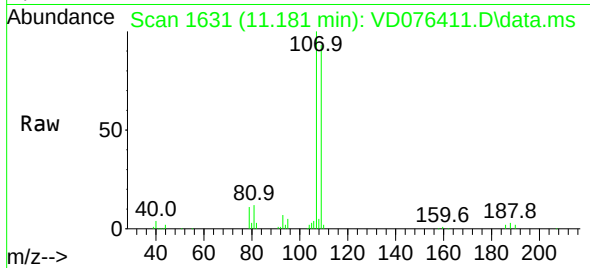
Tgt Ion:129 Resp: 114980
Ion Ratio Lower Upper
129 100
127 78.4 37.1 111.5





#61
1,2-Dibromoethane
Concen: 48.806 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

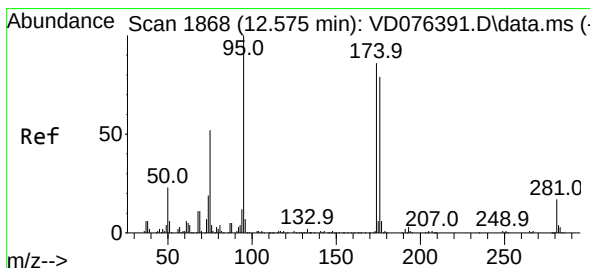
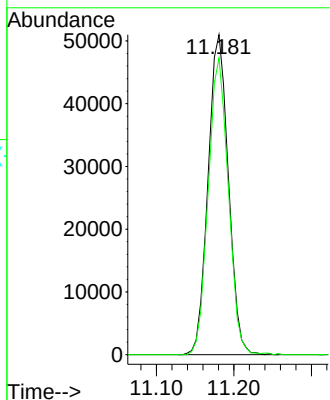
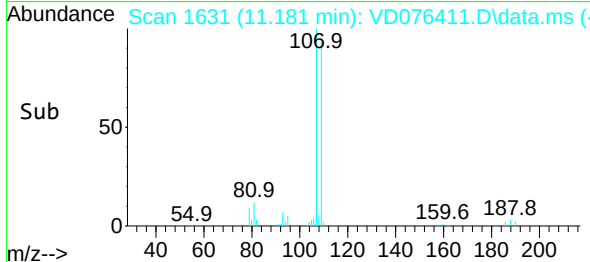
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



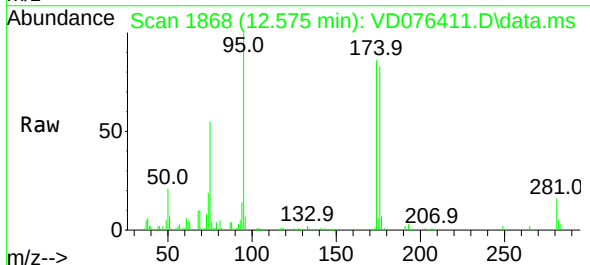
Tgt Ion:107 Resp: 92904
Ion Ratio Lower Upper
107 100
109 91.8 75.6 113.4

Manual Integrations
APPROVED

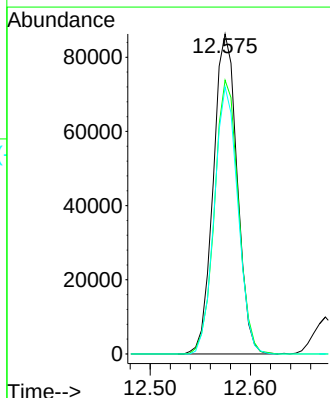
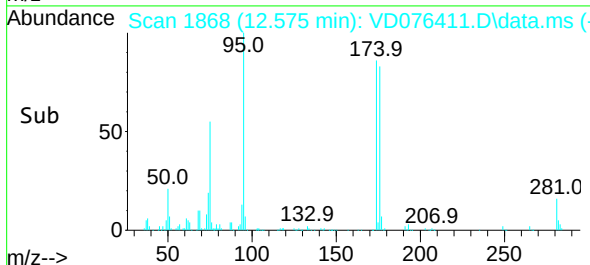
Reviewed By :Krupa Patel 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023

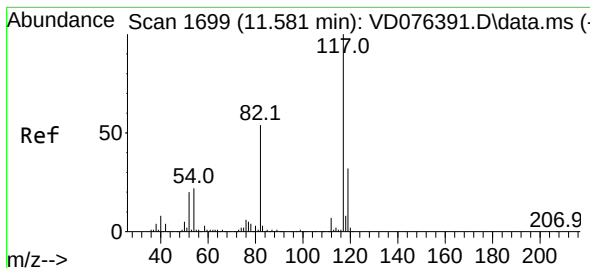


#62
4-Bromofluorobenzene
Concen: 46.406 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05



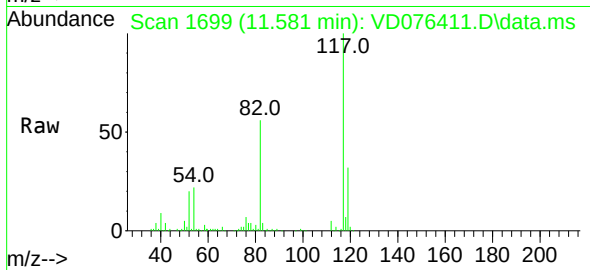
Tgt Ion: 95 Resp: 142386
Ion Ratio Lower Upper
95 100
174 85.4 0.0 201.8
176 82.3 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

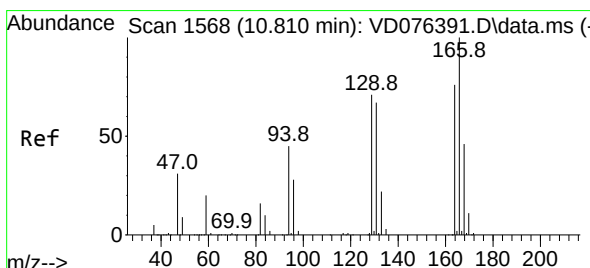
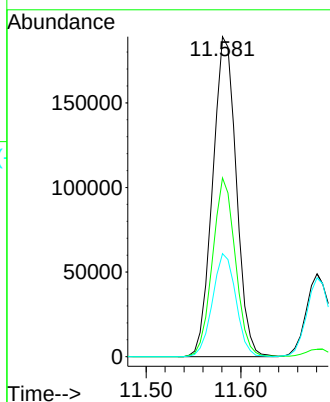
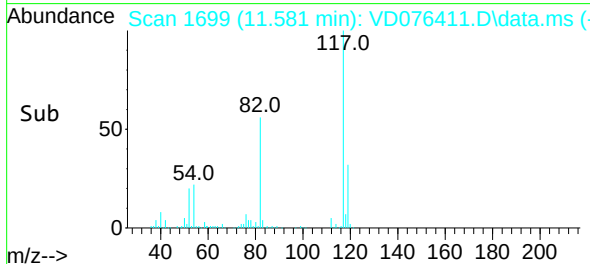
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 328099
Ion Ratio Lower Upper
117 100
82 55.9 38.3 57.5
119 32.2 25.0 37.4

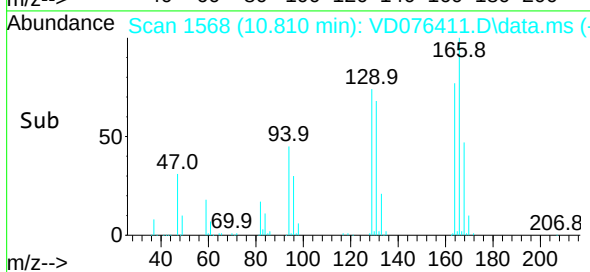
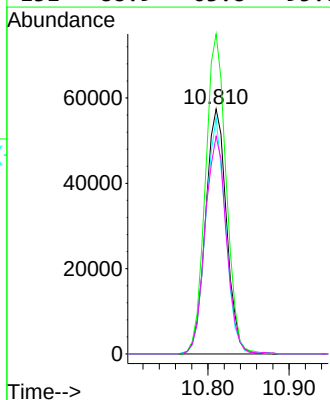
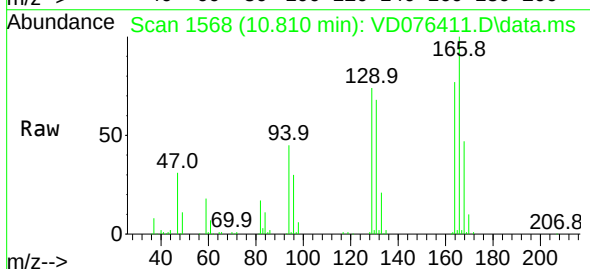
Manual Integrations
APPROVED

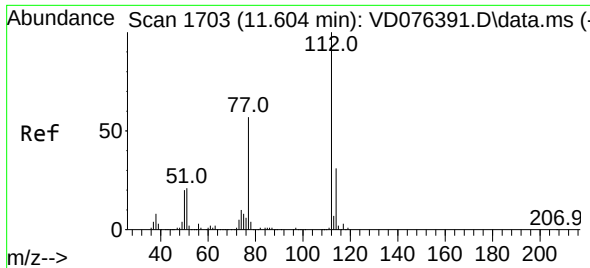
Reviewed By :Krupa Patel 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#64
Tetrachloroethene
Concen: 45.667 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

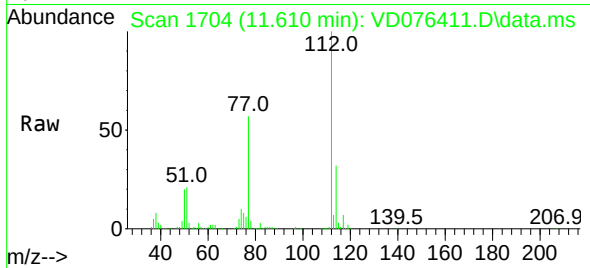
Tgt Ion:164 Resp: 102862
Ion Ratio Lower Upper
164 100
166 130.6 99.2 148.8
129 96.3 68.4 102.6
131 88.9 63.8 95.8





#65
Chlorobenzene
Concen: 47.388 ug/l
RT: 11.610 min Scan# 11610
Delta R.T. 0.006 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

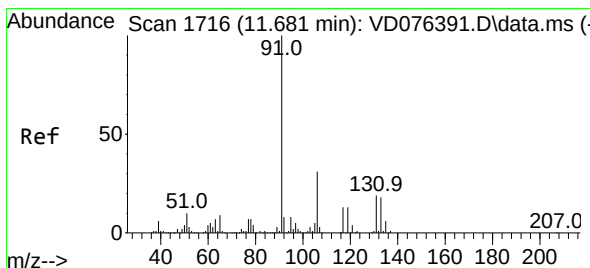
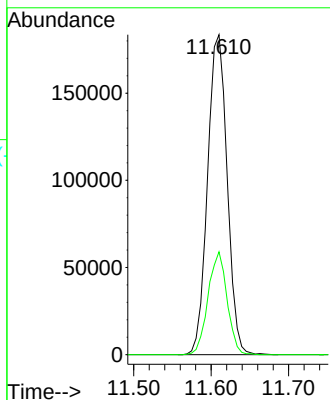
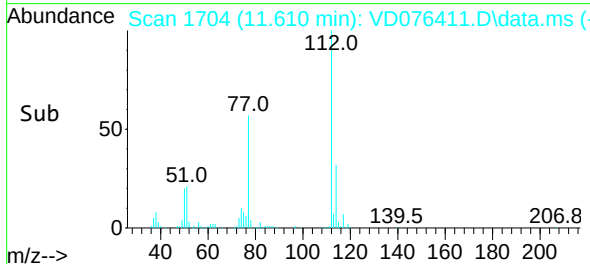
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



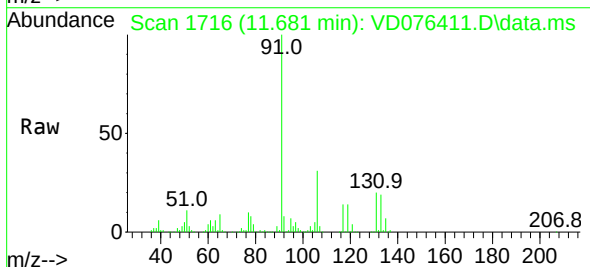
Tgt Ion:112 Resp: 32227
Ion Ratio Lower Upper
112 100
114 32.2 25.1 37.7

Manual Integrations
APPROVED

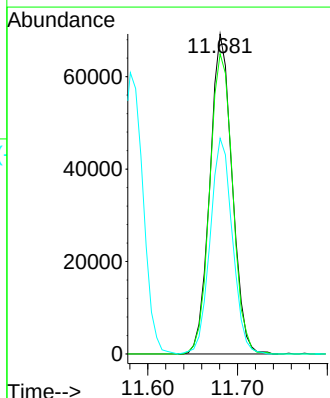
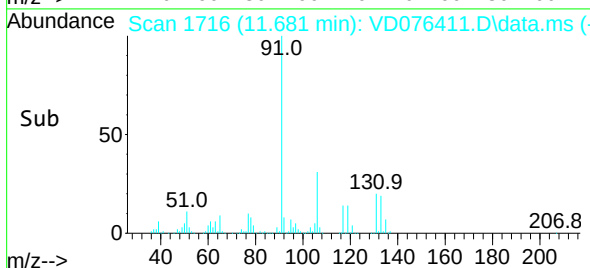
Reviewed By :Krupa Patel 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023

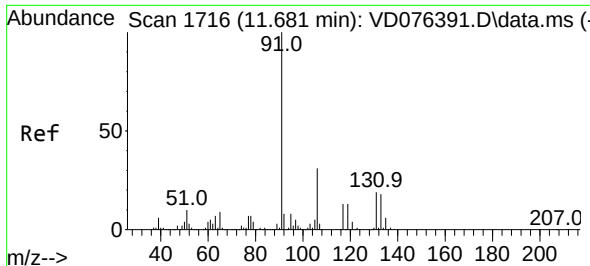


#66
1,1,1,2-Tetrachloroethane
Concen: 46.815 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05



Tgt Ion:131 Resp: 119047
Ion Ratio Lower Upper
131 100
133 96.4 48.5 145.5
119 67.4 35.6 106.9





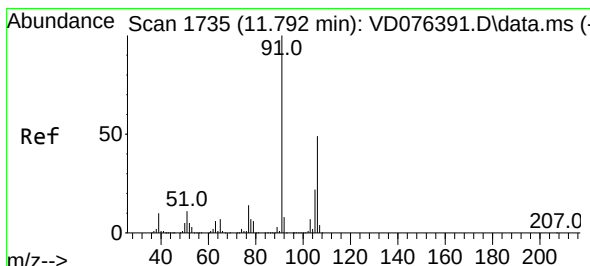
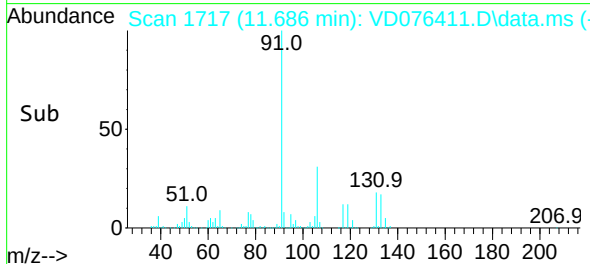
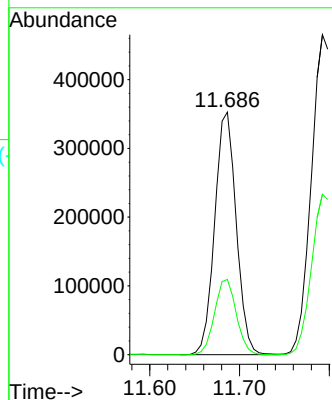
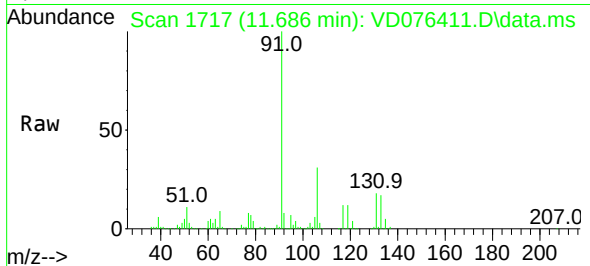
#67
Ethyl Benzene
Concen: 46.886 ug/l
RT: 11.686 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 587290
Ion Ratio Lower Upper
91 100
106 31.0 26.5 39.7

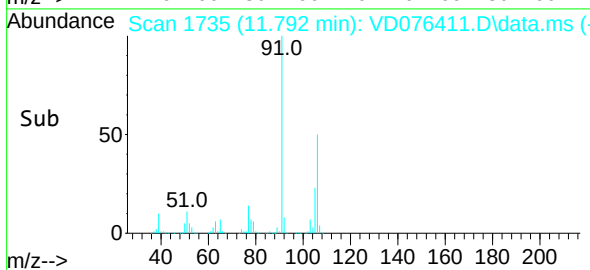
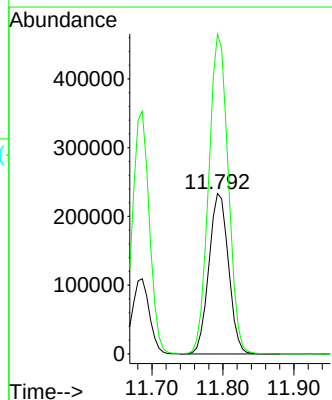
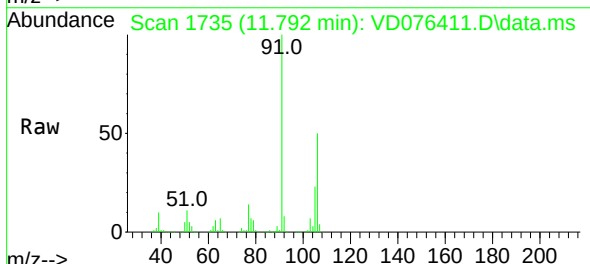
Manual Integrations
APPROVED

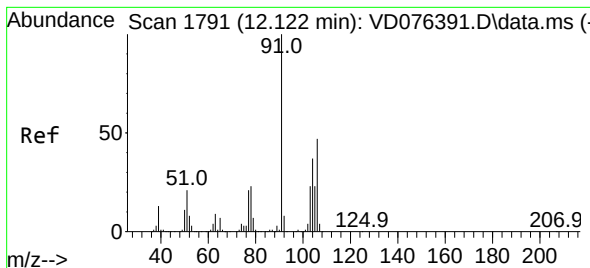
Reviewed By :Krupa Patel 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#68
m/p-Xylenes
Concen: 94.282 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

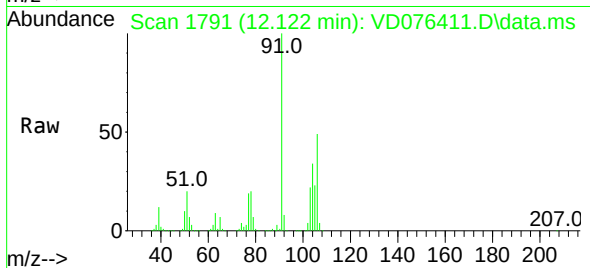
Tgt Ion:106 Resp: 446842
Ion Ratio Lower Upper
106 100
91 198.6 147.0 220.6





#69
o-Xylene
Concen: 48.118 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

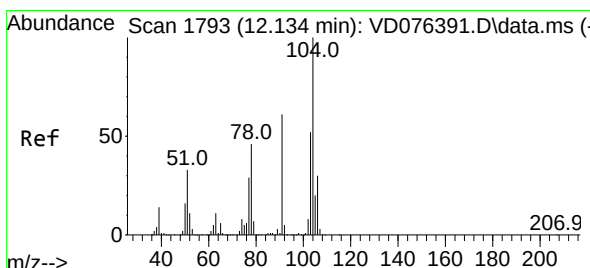
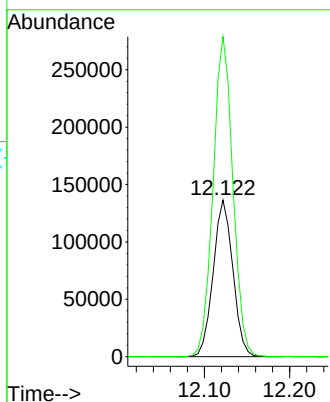
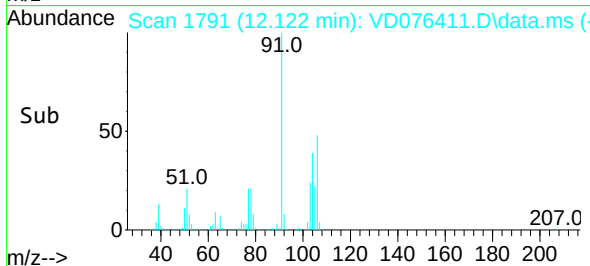
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



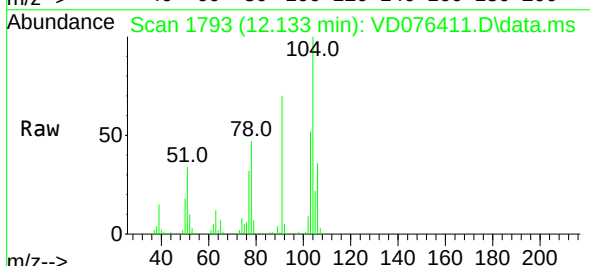
Tgt Ion:106 Resp: 219070
Ion Ratio Lower Upper
106 100
91 206.0 97.9 293.6

Manual Integrations
APPROVED

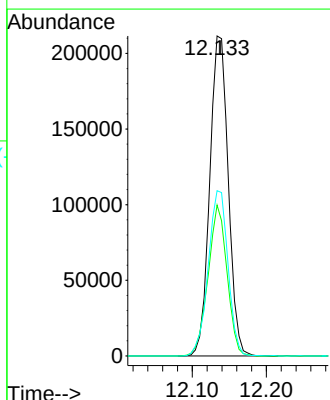
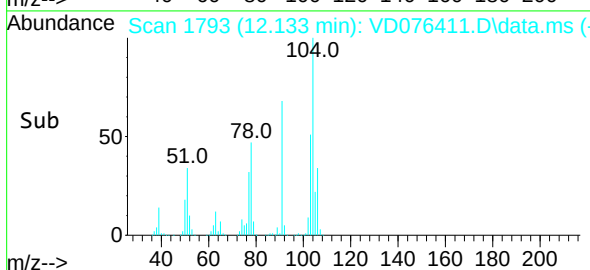
Reviewed By :Krupa Patel 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023

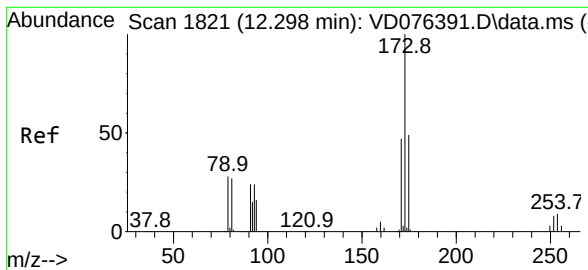


#70
Styrene
Concen: 47.205 ug/l
RT: 12.133 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05



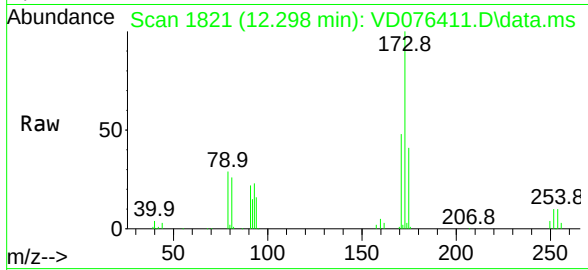
Tgt Ion:104 Resp: 366668
Ion Ratio Lower Upper
104 100
78 48.2 33.2 49.8
103 55.1 43.6 65.4





#71
Bromoform
Concen: 49.693 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

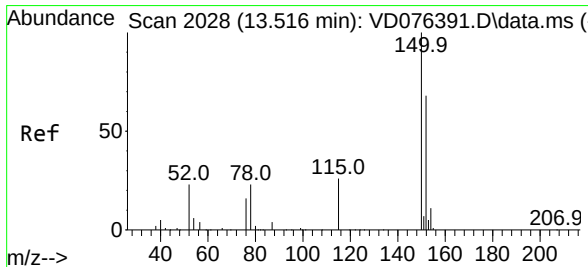
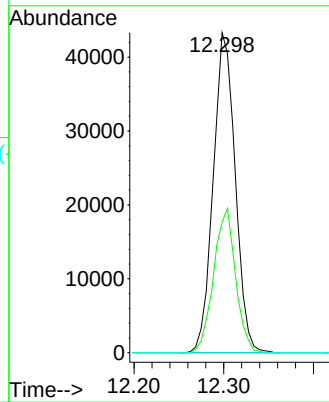
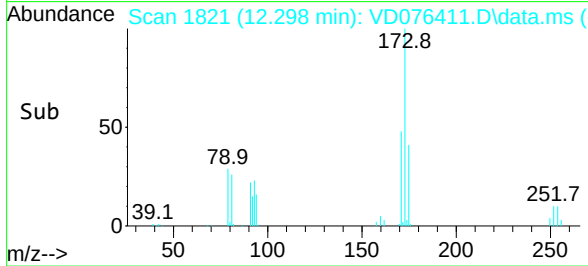
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



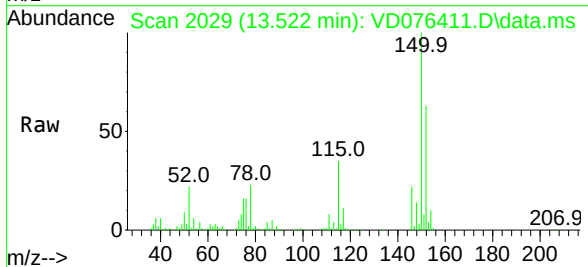
Tgt Ion:173 Resp: 7370
Ion Ratio Lower Upper
173 100
175 44.9 24.6 73.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

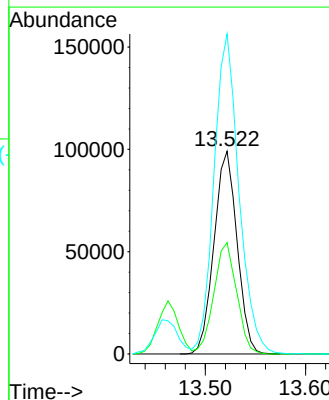
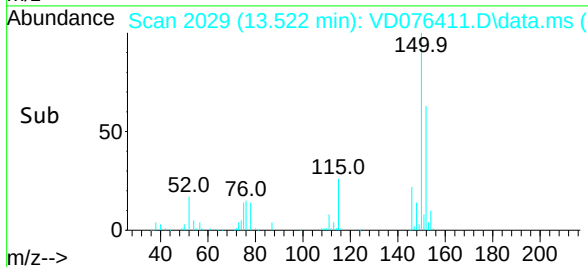
Reviewed By :Krupa Patel 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023

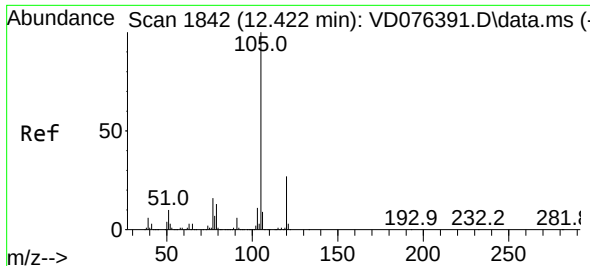


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05



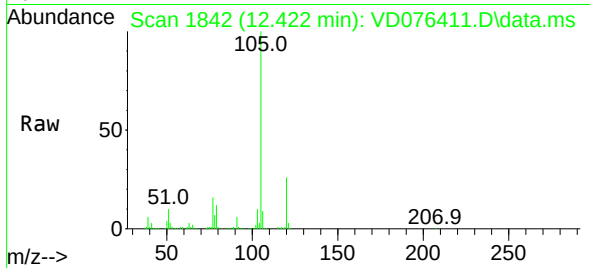
Tgt Ion:152 Resp: 158123
Ion Ratio Lower Upper
152 100
115 54.3 27.1 81.3
150 170.6 0.0 353.6





#73
Isopropylbenzene
Concen: 45.674 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

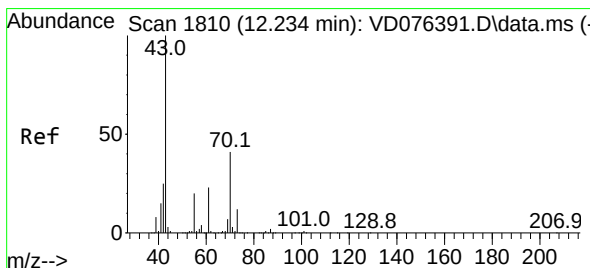
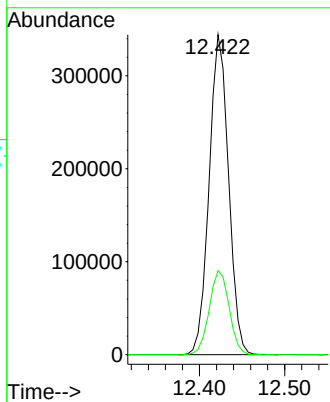
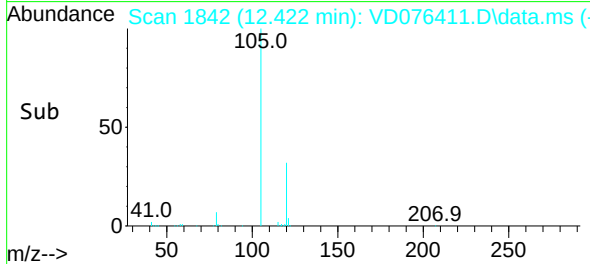
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



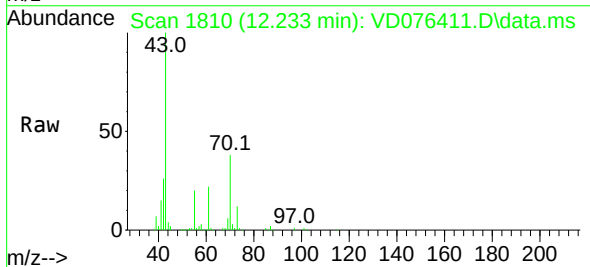
Tgt Ion:105 Resp: 54617
Ion Ratio Lower Upper
105 100
120 26.9 14.3 42.9

Manual Integrations
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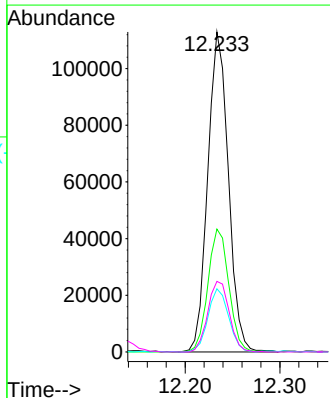
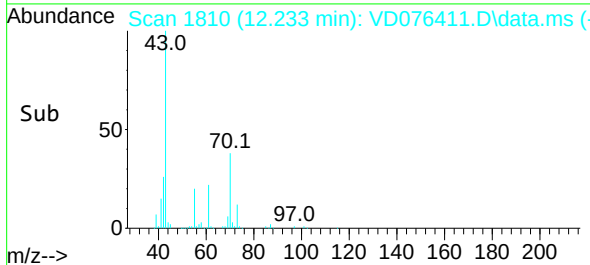
Reviewed By :Krupa Patel 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023

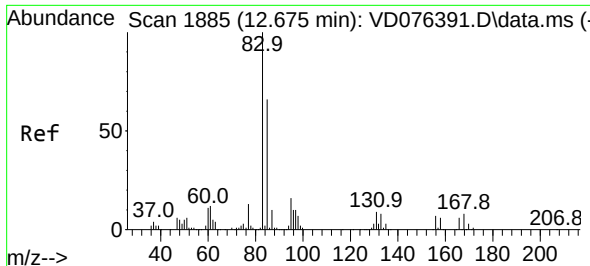


#74
N-ethyl acetate
Concen: 46.774 ug/l
RT: 12.233 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05



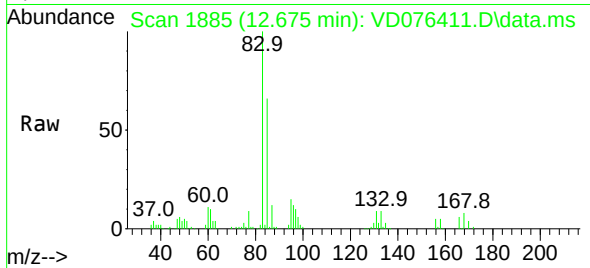
Tgt Ion: 43 Resp: 170575
Ion Ratio Lower Upper
43 100
70 39.1 45.0 67.4#
55 19.9 23.8 35.6#
61 23.0 22.1 33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 47.180 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

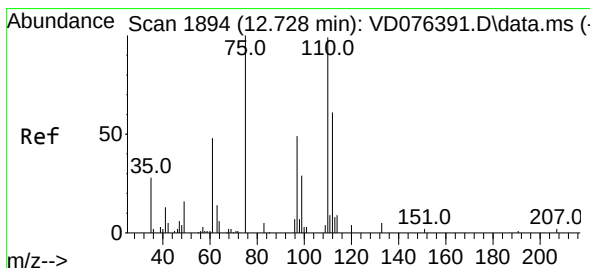
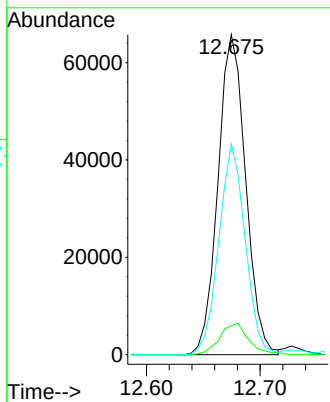
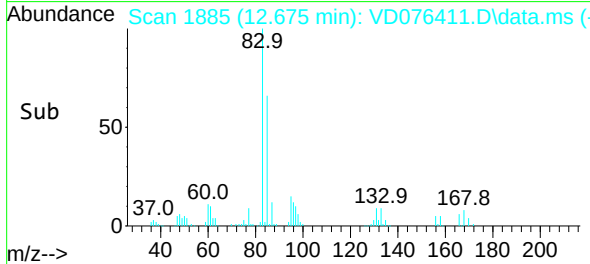
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 11141
Ion Ratio Lower Upper
83 100
131 10.3 5.1 15.3
85 62.6 32.6 97.8

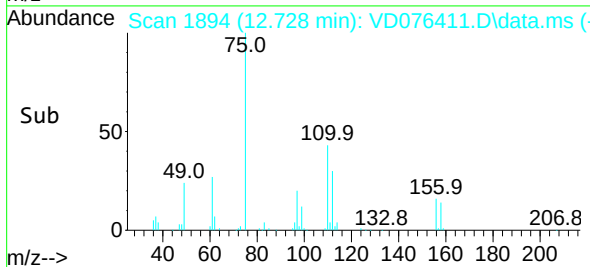
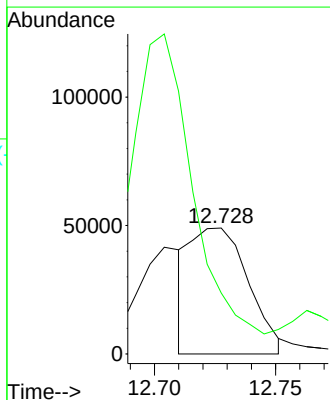
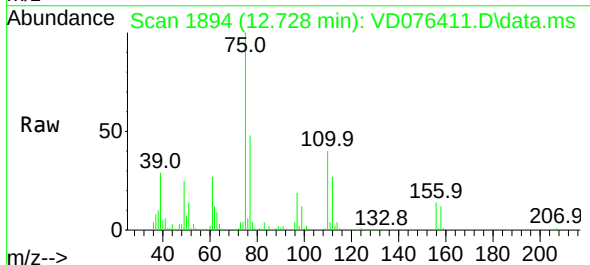
Manual Integrations
APPROVED

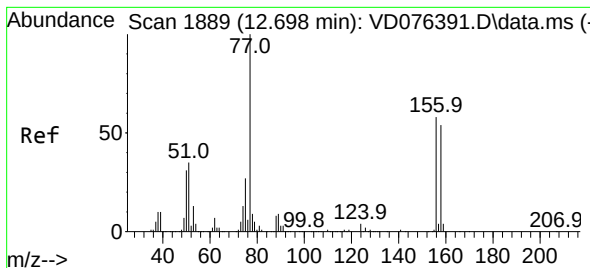
Reviewed By :Krupa Patel 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#76
1,2,3-Trichloropropane
Concen: 55.134 ug/l m
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

Tgt Ion: 75 Resp: 81503
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 46.788 ug/l

RT: 12.704 min Scan# 1889

Delta R.T. 0.006 min

Lab File: VD076411.D

Acq: 14 Jun 2023 11:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

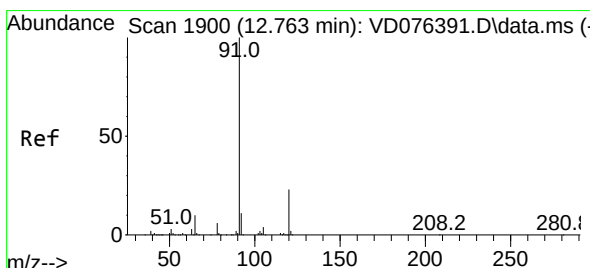
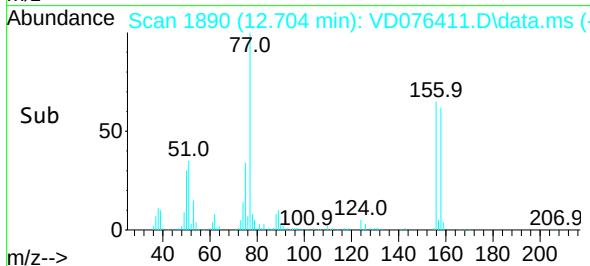
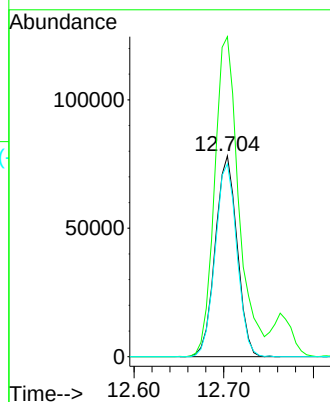
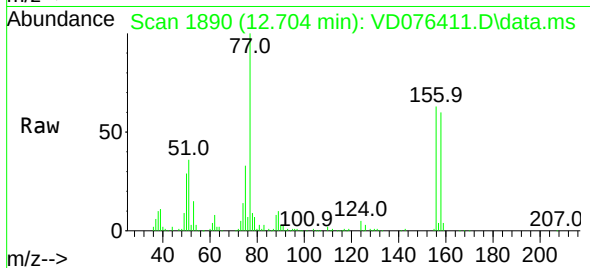
Tgt Ion:	156	Resp:	132008
Ion Ratio	Lower	Upper	
156	100		
77	176.7	76.8	230.4
158	95.7	48.6	145.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/15/2023

Supervised By :Mahesh Dadoda 06/15/2023



#78

n-propylbenzene

Concen: 45.547 ug/l

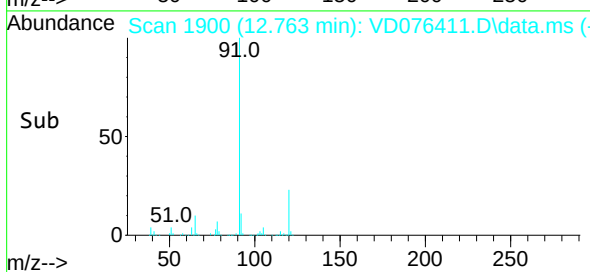
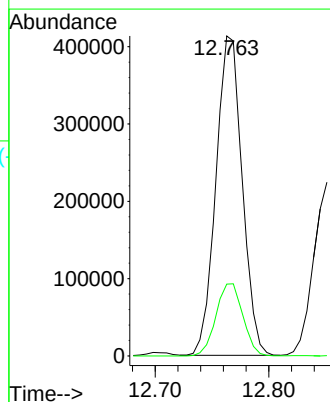
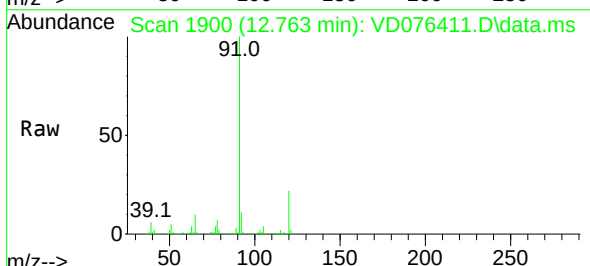
RT: 12.763 min Scan# 1900

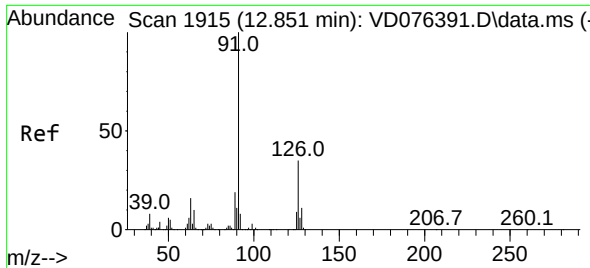
Delta R.T. -0.000 min

Lab File: VD076411.D

Acq: 14 Jun 2023 11:05

Tgt Ion:	91	Resp:	663899
Ion Ratio	Lower	Upper	
91	100		
120	23.1	12.4	37.2





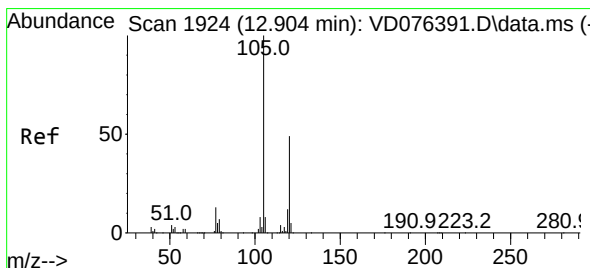
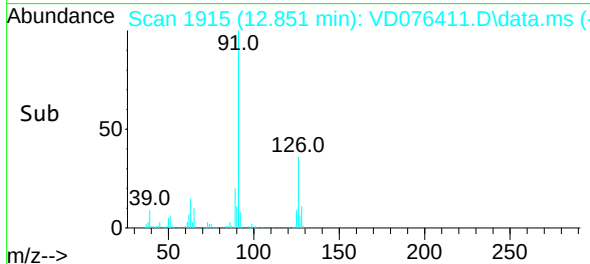
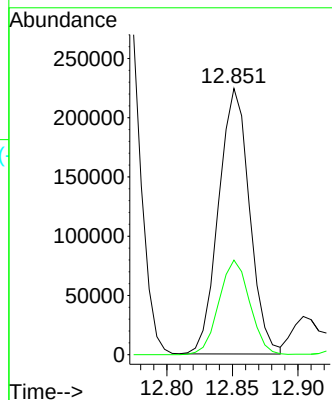
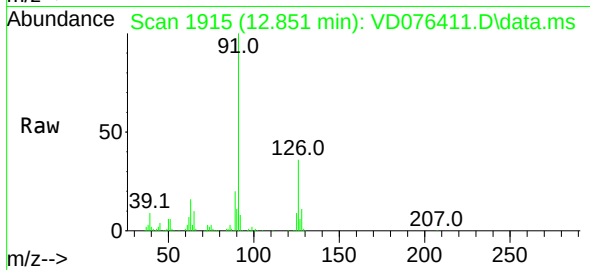
#79
2-Chlorotoluene
Concen: 44.656 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 368335
Ion Ratio Lower Upper
91 100
126 35.4 19.4 58.1

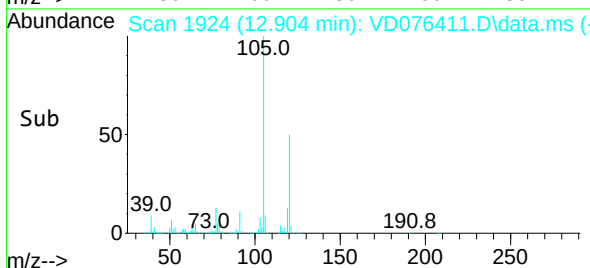
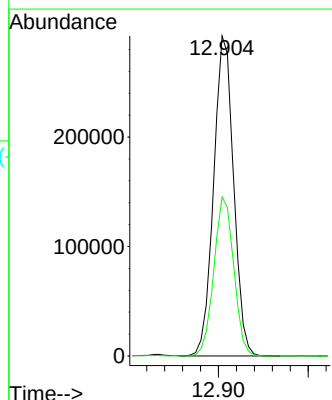
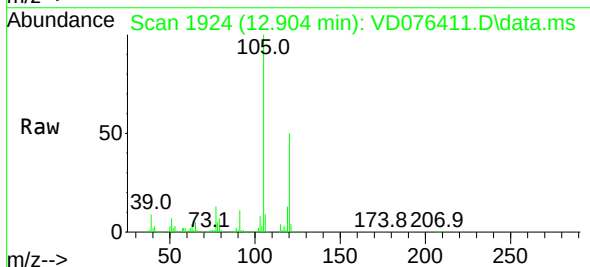
Manual Integrations
APPROVED

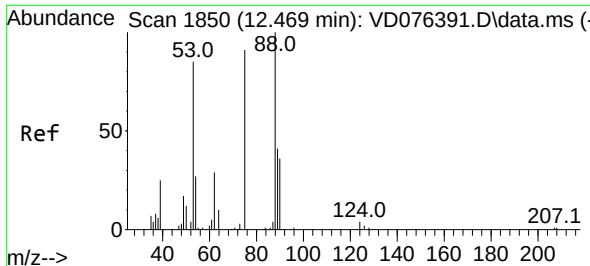
Reviewed By :Krupa Patel 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#80
1,3,5-Trimethylbenzene
Concen: 45.180 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

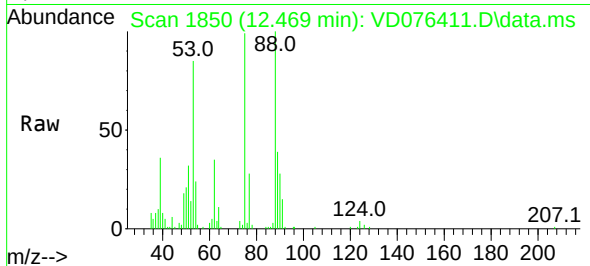
Tgt Ion:105 Resp: 450951
Ion Ratio Lower Upper
105 100
120 49.5 26.4 79.2





#81
trans-1,4-Dichloro-2-butene
Concen: 47.231 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

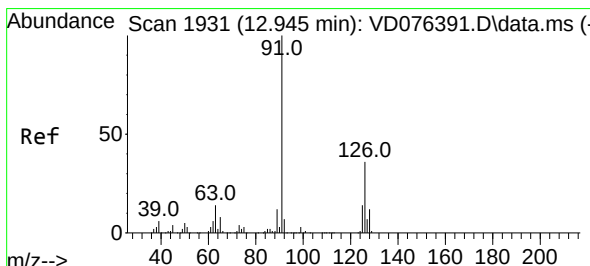
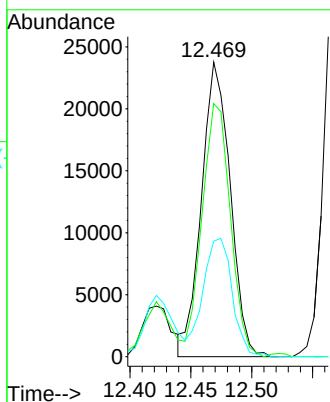
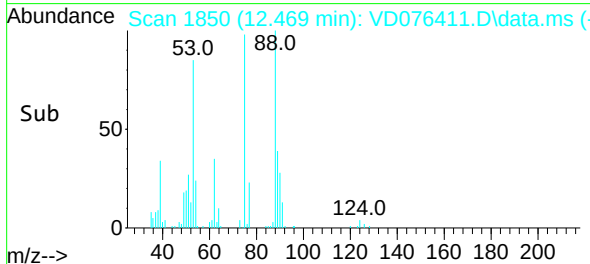
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 38990
Ion Ratio Lower Upper
75 100
53 84.3 63.0 94.4
89 41.0 37.9 56.9

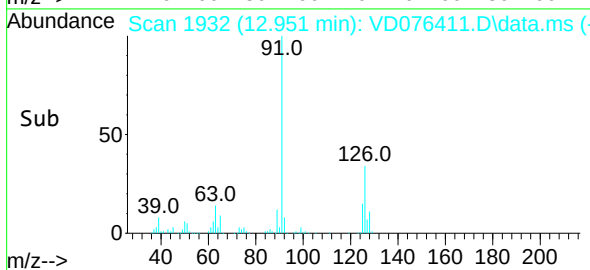
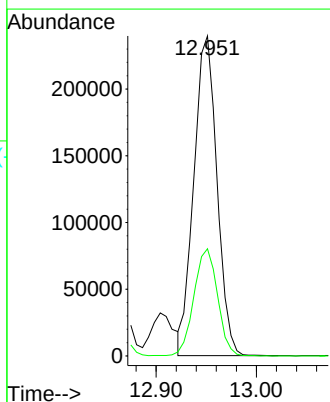
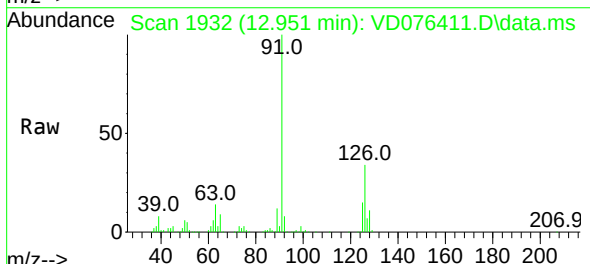
Manual Integrations
APPROVED

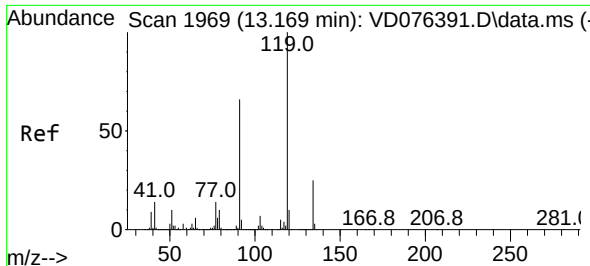
Reviewed By :Krupa Patel 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#82
4-Chlorotoluene
Concen: 44.533 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

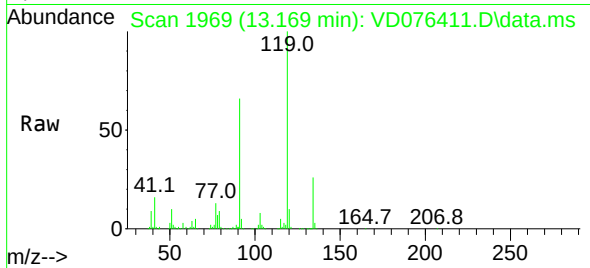
Tgt Ion: 91 Resp: 384662
Ion Ratio Lower Upper
91 100
126 34.4 19.4 58.4





#83
tert-Butylbenzene
Concen: 44.321 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

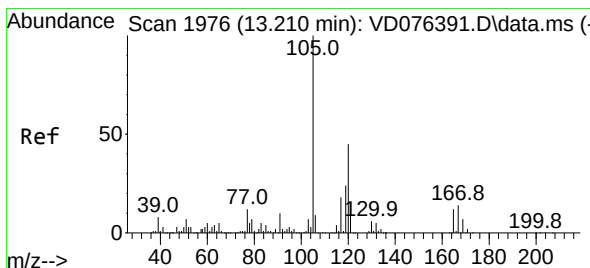
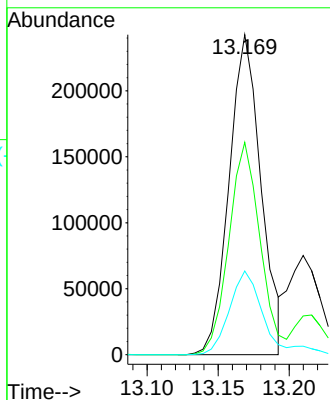
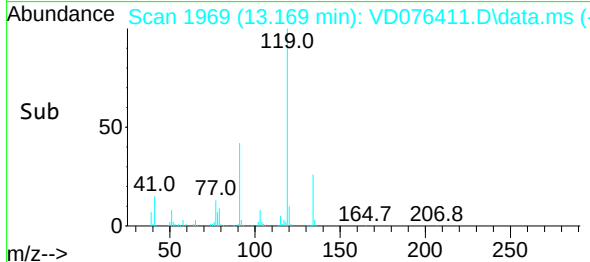
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



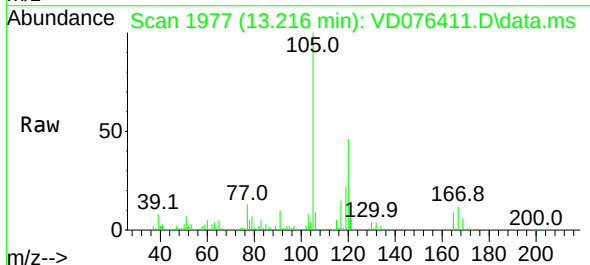
Tgt Ion:119 Resp: 379620
Ion Ratio Lower Upper
119 100
91 65.2 29.3 87.8
134 28.0 14.1 42.3

Manual Integrations
APPROVED

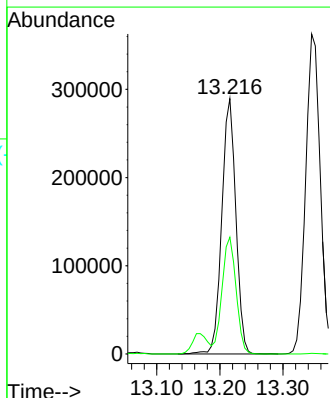
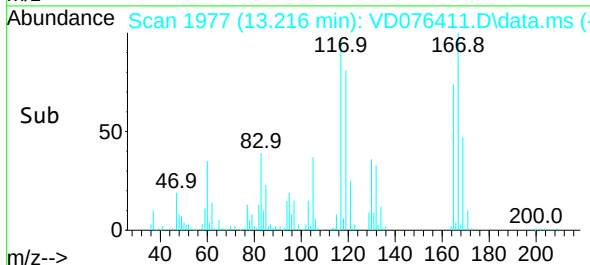
Reviewed By :Krupa Patel 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023

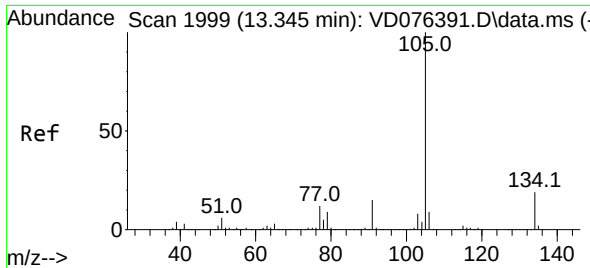


#84
1,2,4-Trimethylbenzene
Concen: 45.486 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05



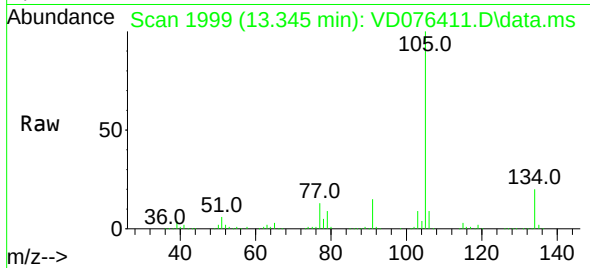
Tgt Ion:105 Resp: 448565
Ion Ratio Lower Upper
105 100
120 45.7 24.3 72.9





#85
 sec-Butylbenzene
 Concen: 46.055 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD076411.D
 Acq: 14 Jun 2023 11:05

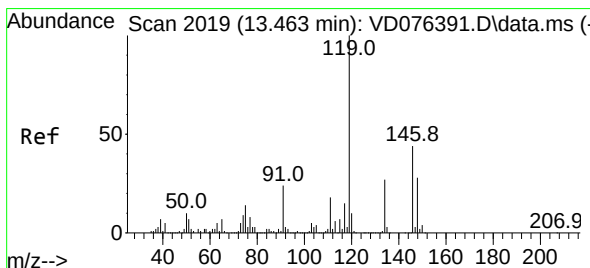
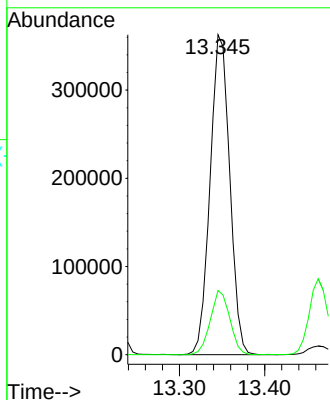
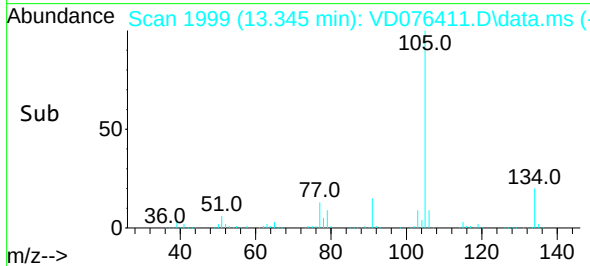
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



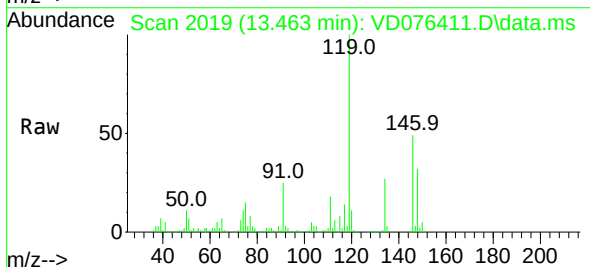
Tgt Ion:105 Resp: 580610
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.9 32.9

Manual Integrations
 APPROVED

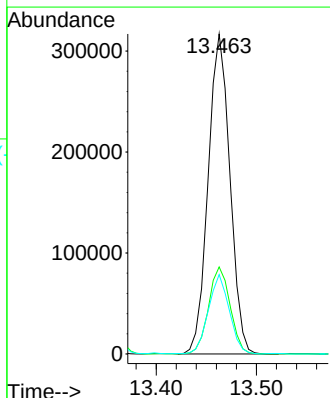
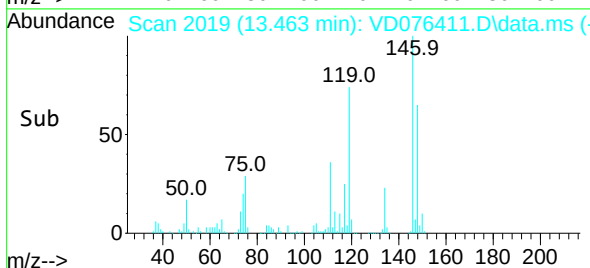
Reviewed By :Krupa Patel 06/15/2023
 Supervised By :Mahesh Dadoda 06/15/2023

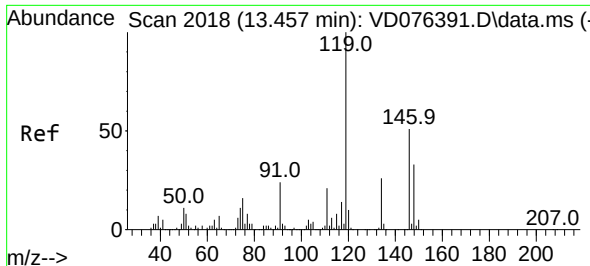


#86
 p-Isopropyltoluene
 Concen: 45.086 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD076411.D
 Acq: 14 Jun 2023 11:05



Tgt Ion:119 Resp: 478613
 Ion Ratio Lower Upper
 119 100
 134 27.1 14.2 42.6
 91 23.9 10.5 31.5





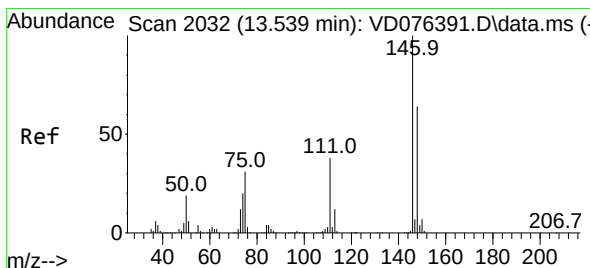
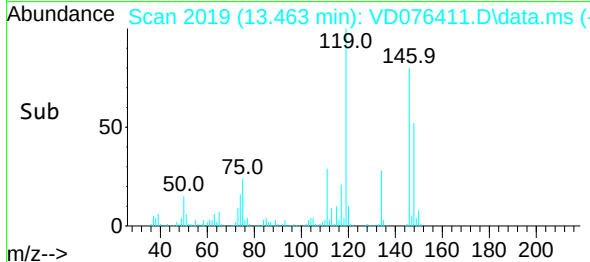
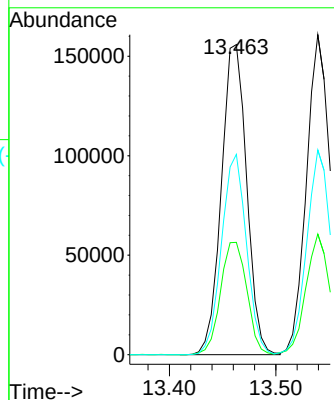
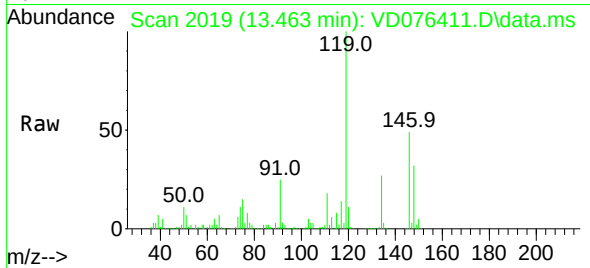
#87
1,3-Dichlorobenzene
Concen: 47.098 ug/l
RT: 13.463 min Scan# 2018
Delta R.T. 0.006 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 257169
Ion Ratio Lower Upper
146 100
111 37.7 17.9 53.8
148 63.7 32.3 96.8

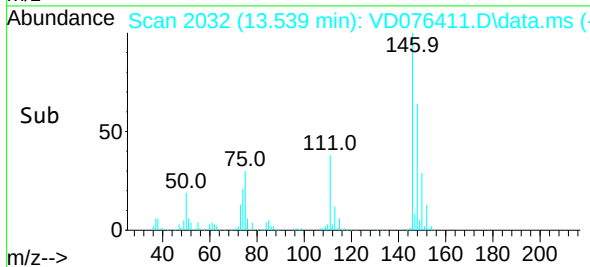
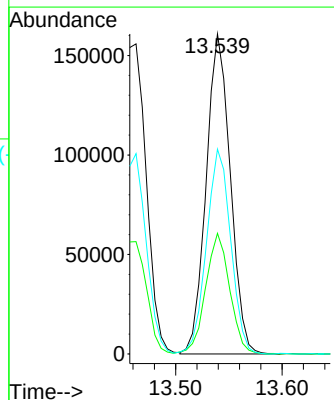
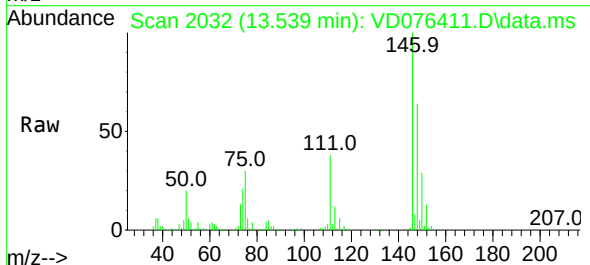
Manual Integrations
APPROVED

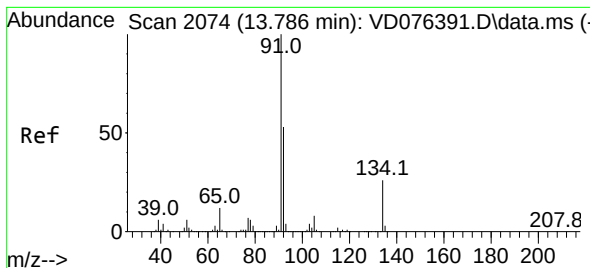
Reviewed By :Krupa Patel 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#88
1,4-Dichlorobenzene
Concen: 47.002 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

Tgt Ion:146 Resp: 253636
Ion Ratio Lower Upper
146 100
111 37.5 17.4 52.3
148 64.4 31.7 95.1





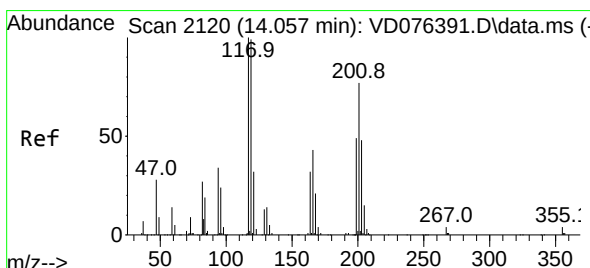
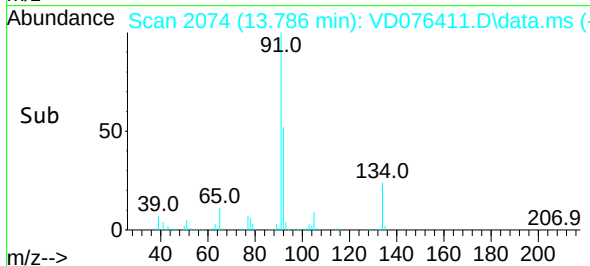
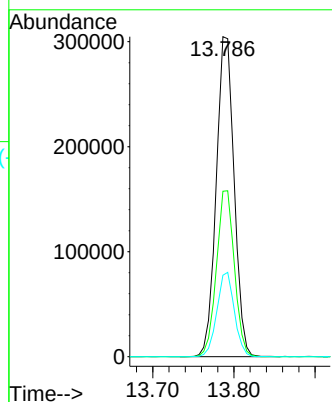
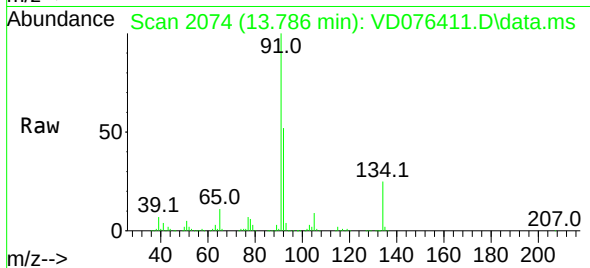
#89
n-Butylbenzene
Concen: 45.853 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 46767
Ion Ratio Lower Upper
91 100
92 52.0 26.5 79.5
134 25.7 13.8 41.3

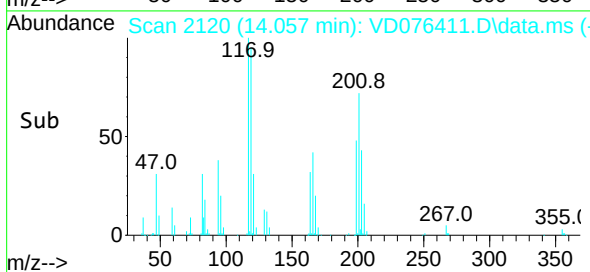
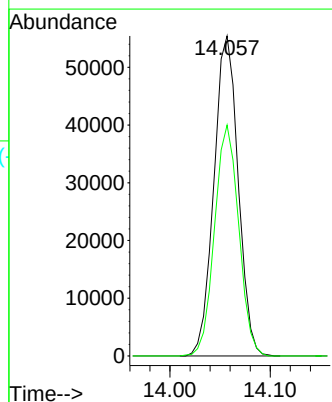
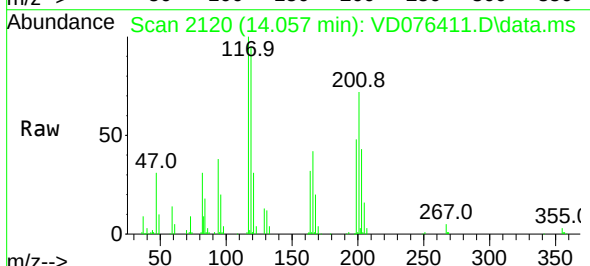
Manual Integrations
APPROVED

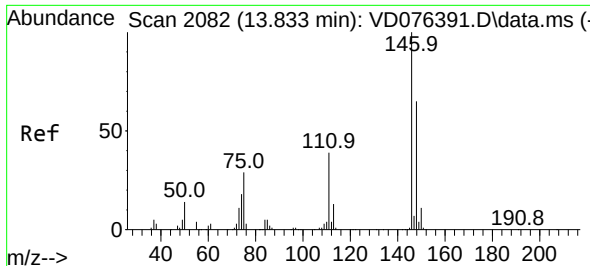
Reviewed By :Krupa Patel 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#90
Hexachloroethane
Concen: 47.472 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. -0.000 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

Tgt Ion:117 Resp: 92997
Ion Ratio Lower Upper
117 100
201 71.8 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 47.224 ug/l

RT: 13.833 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD076411.D

Acq: 14 Jun 2023 11:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 22678

Ion Ratio Lower Upper

146 100

111 38.8 18.3 54.8

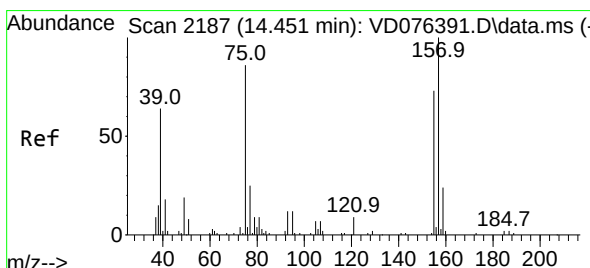
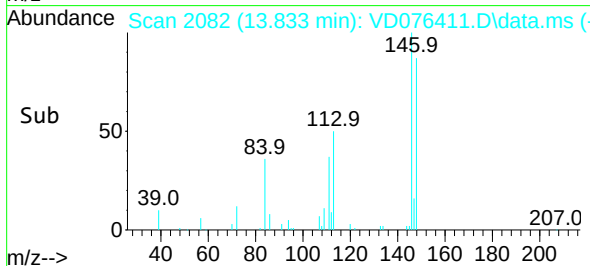
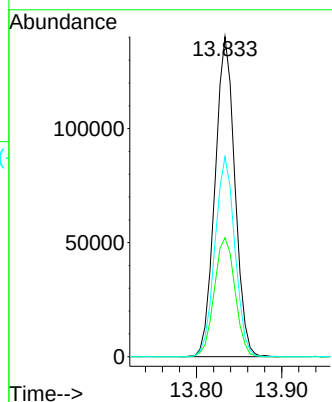
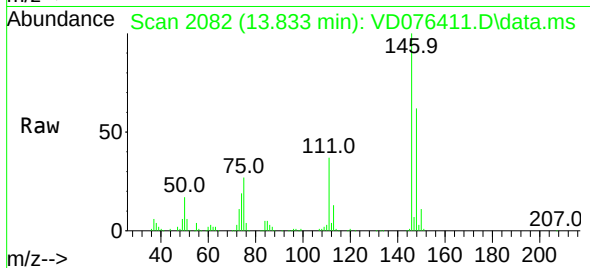
148 62.8 31.6 94.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/15/2023

Supervised By :Mahesh Dadoda 06/15/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.115 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. -0.000 min

Lab File: VD076411.D

Acq: 14 Jun 2023 11:05

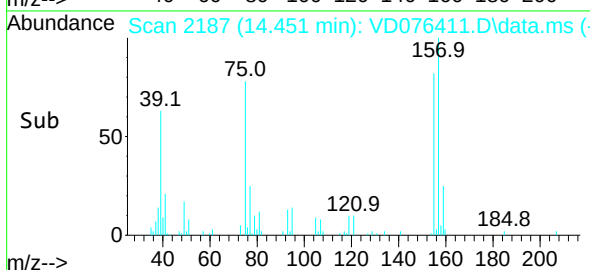
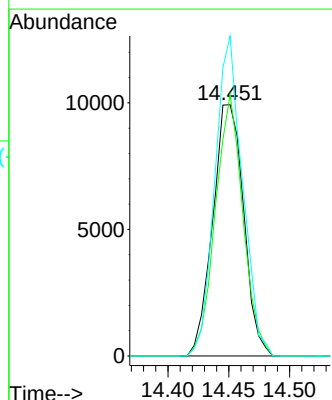
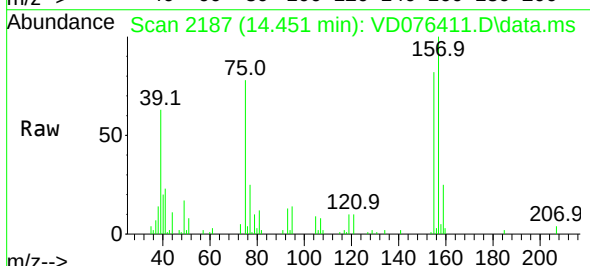
Tgt Ion: 75 Resp: 17501

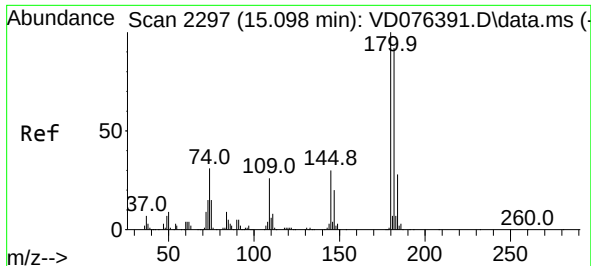
Ion Ratio Lower Upper

75 100

155 92.9 47.9 143.8

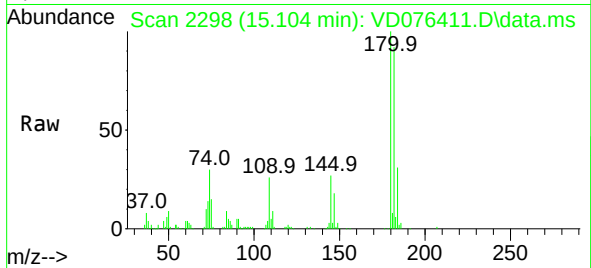
157 113.4 59.9 179.7





#93
1,2,4-Trichlorobenzene
Concen: 46.962 ug/l
RT: 15.104 min Scan# 211
Delta R.T. 0.006 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

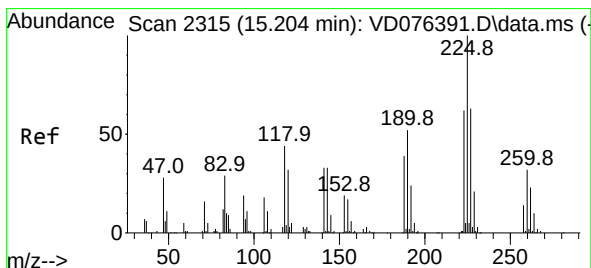
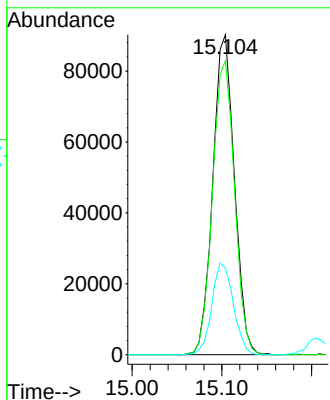
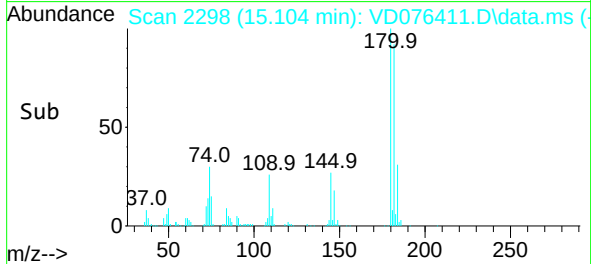
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:180 Resp: 150940
Ion Ratio Lower Upper
180 100
182 93.5 48.5 145.6
145 28.6 14.2 42.6

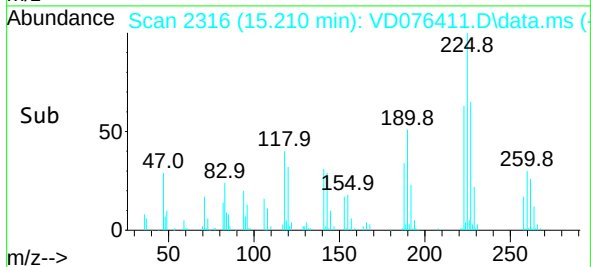
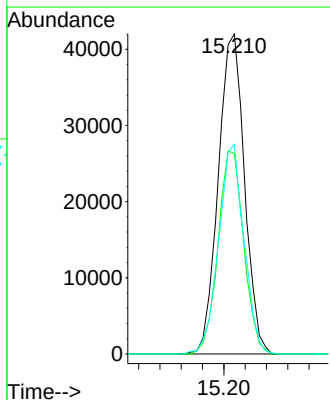
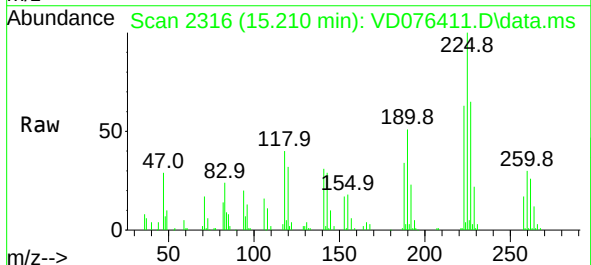
Manual Integrations
APPROVED

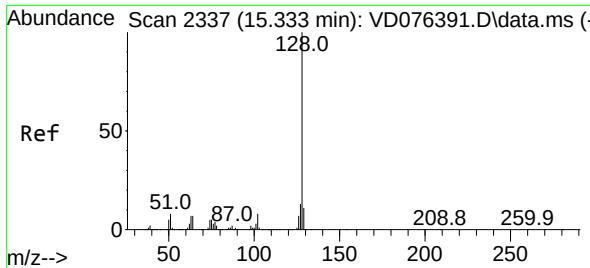
Reviewed By :Krupa Patel 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#94
Hexachlorobutadiene
Concen: 44.324 ug/l
RT: 15.210 min Scan# 2316
Delta R.T. 0.006 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

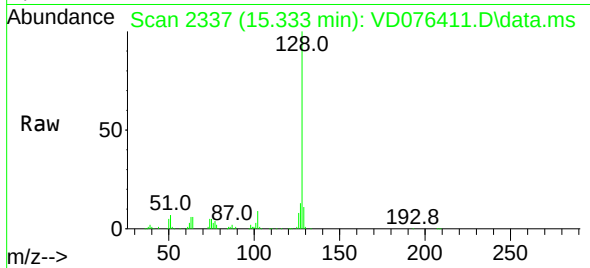
Tgt Ion:225 Resp: 71671
Ion Ratio Lower Upper
225 100
223 62.2 31.6 94.8
227 63.4 31.7 95.1





#95
Naphthalene
Concen: 47.151 ug/l
RT: 15.333 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05

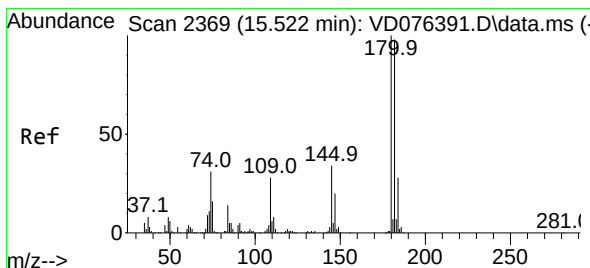
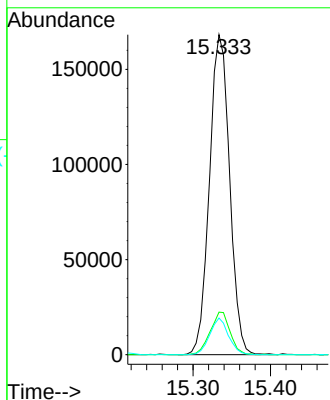
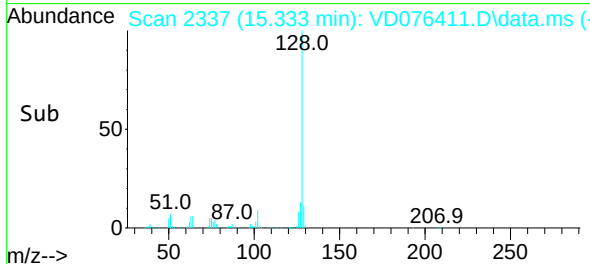
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



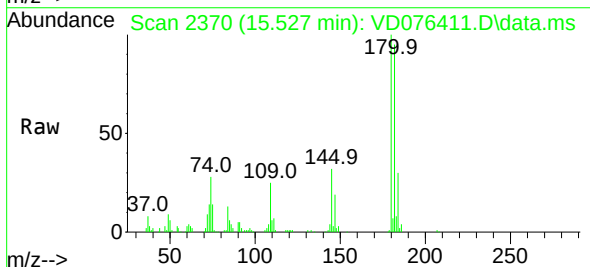
Tgt Ion:128 Resp: 304315
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 11.5 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#96
1,2,3-Trichlorobenzene
Concen: 47.582 ug/l
RT: 15.527 min Scan# 2370
Delta R.T. 0.006 min
Lab File: VD076411.D
Acq: 14 Jun 2023 11:05



Tgt Ion:180 Resp: 132083
Ion Ratio Lower Upper
180 100
182 93.7 47.3 141.9
145 31.6 15.1 45.3

