

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061623\
 Data File : VD076458.D
 Acq On : 16 Jun 2023 16:34
 Operator : KP/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/19/2023
 Supervised By :Mahesh Dadoda 06/19/2023

Quant Time: Jun 19 04:26:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:23:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	151957	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	269377	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	246863	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	120147	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	76449	50.213	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.420%			
35) Dibromofluoromethane	7.805	113	79877	49.914	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.820%			
50) Toluene-d8	10.269	98	300975	49.592	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.180%			
62) 4-Bromofluorobenzene	12.575	95	98519	50.018	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 100.040%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	52082	45.106	ug/l	97
3) Chloromethane	2.146	50	113542	47.281	ug/l	98
4) Vinyl Chloride	2.275	62	129805	48.456	ug/l	99
5) Bromomethane	2.681	94	78728	45.200	ug/l	99
6) Chloroethane	2.828	64	87635	47.731	ug/l	98
7) Trichlorofluoromethane	3.164	101	98614	44.733	ug/l	99
8) Diethyl Ether	3.587	74	42172	50.830	ug/l	71
9) 1,1,2-Trichlorotrifluo...	3.958	101	64808	45.647	ug/l	98
10) Methyl Iodide	4.158	142	87238	51.829	ug/l	92
11) Tert butyl alcohol	5.058	59	31233	237.602	ug/l #	85
12) 1,1-Dichloroethene	3.928	96	66038	47.493	ug/l #	81
13) Acrolein	3.793	56	34246	241.873	ug/l	96
14) Allyl chloride	4.558	41	125057	49.179	ug/l #	87
15) Acrylonitrile	5.252	53	111221	260.698	ug/l	100
16) Acetone	4.017	43	97931	270.310	ug/l	87
17) Carbon Disulfide	4.264	76	184021	48.437	ug/l	100
18) Methyl Acetate	4.558	43	86145	51.596	ug/l #	84
19) Methyl tert-butyl Ether	5.316	73	196125	51.565	ug/l	92
20) Methylene Chloride	4.799	84	108349	53.972	ug/l #	78
21) trans-1,2-Dichloroethene	5.311	96	79142	49.245	ug/l	100
22) Diisopropyl ether	6.211	45	284061	51.661	ug/l #	88
23) Vinyl Acetate	6.152	43	722162m	272.786	ug/l	
24) 1,1-Dichloroethane	6.116	63	153580	50.019	ug/l	93
25) 2-Butanone	7.081	43	146686	261.773	ug/l #	77
26) 2,2-Dichloropropane	7.069	77	127726	48.249	ug/l	95
27) cis-1,2-Dichloroethene	7.081	96	99130	50.966	ug/l	88
28) Bromochloromethane	7.422	49	45569	51.578	ug/l #	71
29) Tetrahydrofuran	7.446	42	93439	259.472	ug/l #	77
30) Chloroform	7.593	83	152102	50.029	ug/l	97
31) Cyclohexane	7.875	56	111633	47.270	ug/l #	87
32) 1,1,1-Trichloroethane	7.793	97	118868	48.368	ug/l	98
36) 1,1-Dichloropropene	8.005	75	104246	46.518	ug/l	96
37) Ethyl Acetate	7.169	43	63164	48.641	ug/l #	92
38) Carbon Tetrachloride	7.987	117	95079	47.469	ug/l	98
39) Methylcyclohexane	9.275	83	120475	45.811	ug/l	93
40) Benzene	8.246	78	334647	48.968	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	38065	50.657	ug/l #	80
42) 1,2-Dichloroethane	8.328	62	94707	51.288	ug/l	95
43) Isopropyl Acetate	8.357	43	124163	50.504	ug/l #	84
44) Trichloroethene	9.022	130	88149	47.816	ug/l	94
45) 1,2-Dichloropropane	9.299	63	92007	49.655	ug/l	99
46) Dibromomethane	9.393	93	50607	50.984	ug/l	96
47) Bromodichloromethane	9.581	83	118248	49.781	ug/l	99
48) Methyl methacrylate	9.381	41	58272	51.714	ug/l #	67
49) 1,4-Dioxane	9.387	88	11723	985.717	ug/l #	63
51) 4-Methyl-2-Pentanone	10.157	43	326359	259.694	ug/l #	84
52) Toluene	10.334	92	209893	48.943	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	125716	52.157	ug/l	94
54) cis-1,3-Dichloropropene	10.016	75	143423	50.189	ug/l #	79
55) 1,1,2-Trichloroethane	10.734	97	69338	49.939	ug/l	97
56) Ethyl methacrylate	10.599	69	93911	51.801	ug/l #	73
57) 1,3-Dichloropropane	10.881	76	119465	50.255	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	186953	243.238	ug/l	94
59) 2-Hexanone	10.922	43	228340	261.208	ug/l	81
60) Dibromochloromethane	11.075	129	82247	50.900	ug/l	97
61) 1,2-Dibromoethane	11.181	107	65655	50.373	ug/l	99
64) Tetrachloroethene	10.810	164	70295	47.438	ug/l	89
65) Chlorobenzene	11.604	112	234047	49.904	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	84482	50.369	ug/l	98
67) Ethyl Benzene	11.681	91	402967	48.491	ug/l	100
68) m/p-Xylenes	11.793	106	313131	96.528	ug/l	90
69) o-Xylene	12.122	106	150971	48.890	ug/l	89
70) Styrene	12.134	104	260035	48.749	ug/l	94
71) Bromoform	12.298	173	52393	52.026	ug/l #	97
73) Isopropylbenzene	12.422	105	381198	47.124	ug/l	97
74) N-amyl acetate	12.234	43	119482	50.454	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.675	83	84785	50.793	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	55094m	45.982	ug/l	
77) Bromobenzene	12.704	156	95618	47.912	ug/l	89
78) n-propylbenzene	12.763	91	467894	46.845	ug/l	96
79) 2-Chlorotoluene	12.851	91	261833	47.738	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	314909	47.670	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	27984	51.424	ug/l	96
82) 4-Chlorotoluene	12.945	91	272885	47.908	ug/l	95
83) tert-Butylbenzene	13.163	119	272304	46.391	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	321103	48.234	ug/l	96
85) sec-Butylbenzene	13.345	105	408247	46.868	ug/l	97
86) p-Isopropyltoluene	13.463	119	341140	46.870	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	189060	48.228	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	185306	47.397	ug/l	98
89) n-Butylbenzene	13.787	91	332113	46.782	ug/l	98
90) Hexachloroethane	14.051	117	63628	47.372	ug/l	95
91) 1,2-Dichlorobenzene	13.834	146	165030	48.177	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	12282	48.884	ug/l	99
93) 1,2,4-Trichlorobenzene	15.098	180	109252	47.856	ug/l	98
94) Hexachlorobutadiene	15.204	225	51030	45.977	ug/l	99
95) Naphthalene	15.334	128	227122	49.751	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	96728	48.631	ug/l	100

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Quant Title : SW846 8260
QLast Update : Mon Jun 19 04:23:38 2023
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

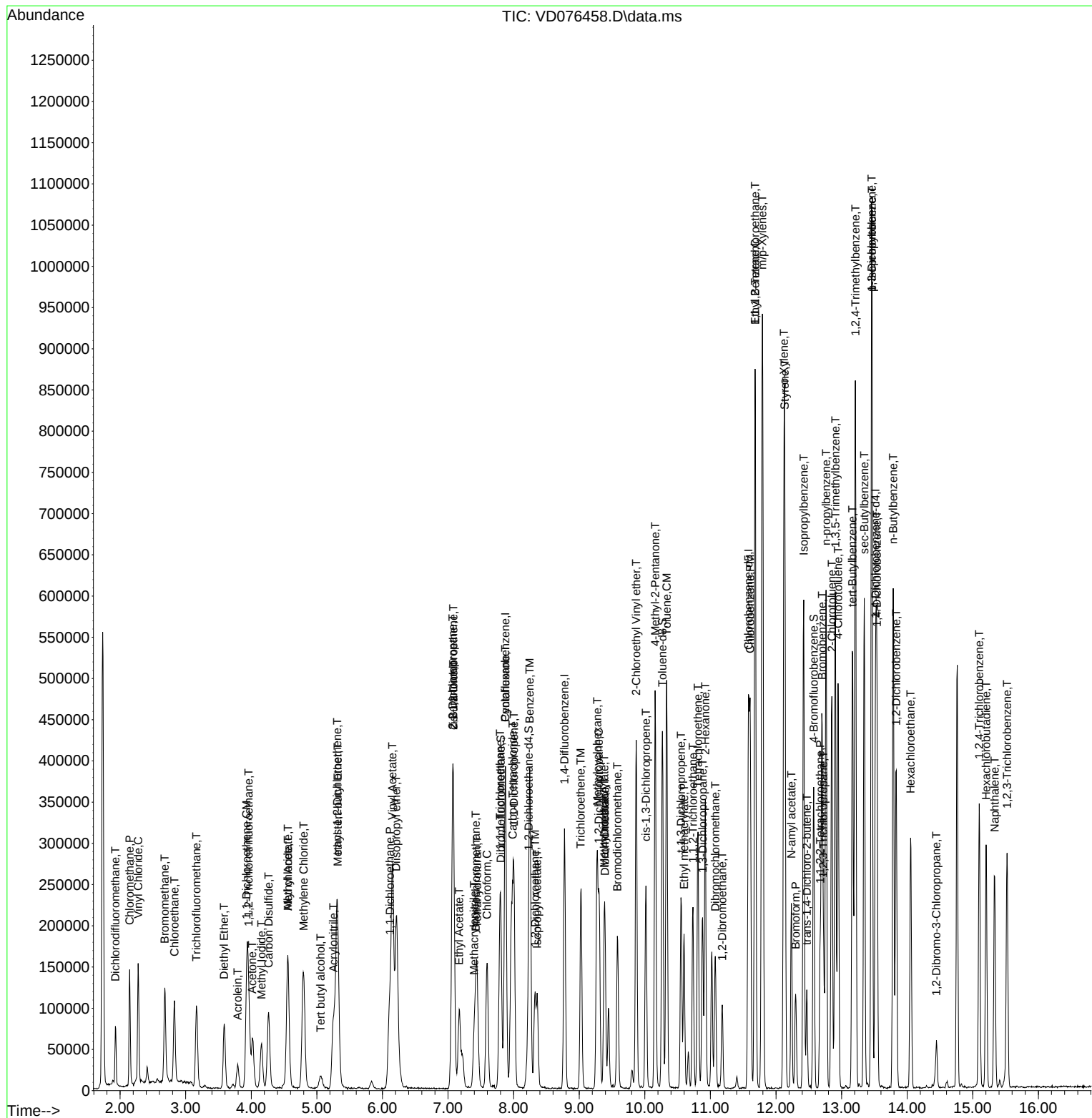
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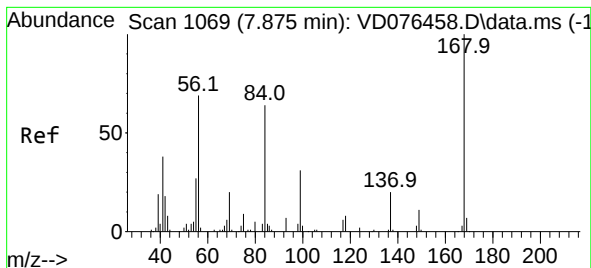
Instrument :
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 Supervised By :Mahesh Dadoda 06/19/2023





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD076458.D

Acq: 16 Jun 2023 16:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion:168 Resp: 15195

Ion Ratio Lower Upper

168 100

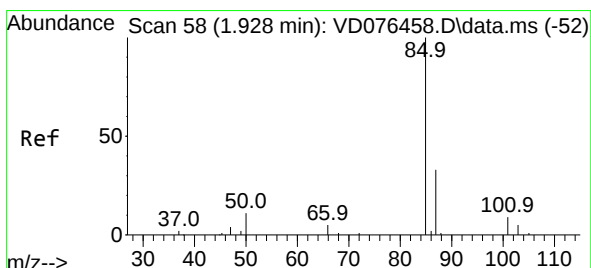
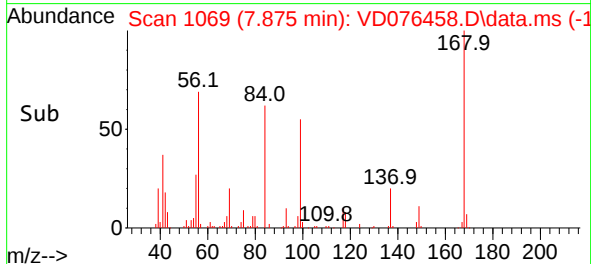
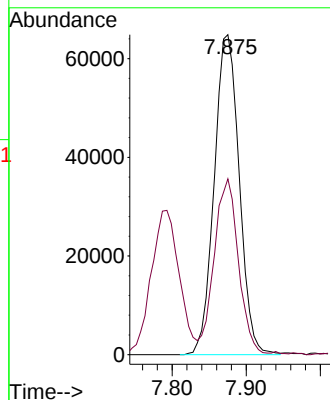
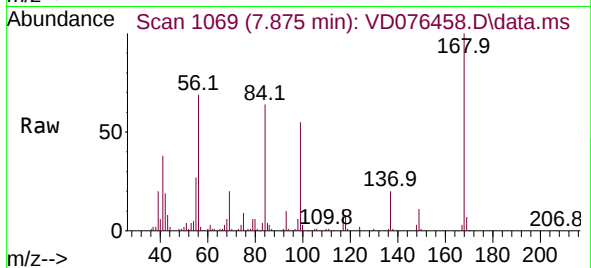
99 54.6 36.7 55.1

Manual Integrations

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Reviewed By :Krupa Patel 06/19/2023

Supervised By :Mahesh Dadoda 06/19/2023



#2

Dichlorodifluoromethane

Concen: 45.106 ug/l

RT: 1.928 min Scan# 58

Delta R.T. 0.000 min

Lab File: VD076458.D

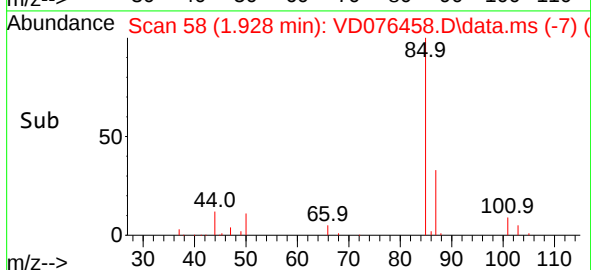
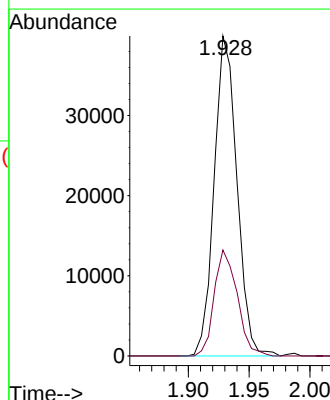
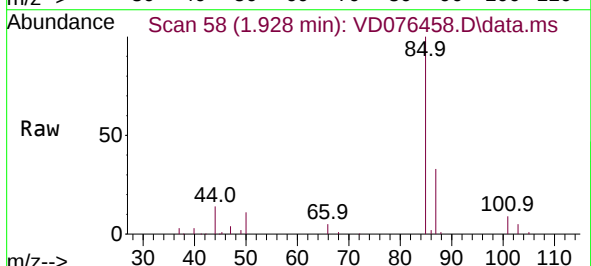
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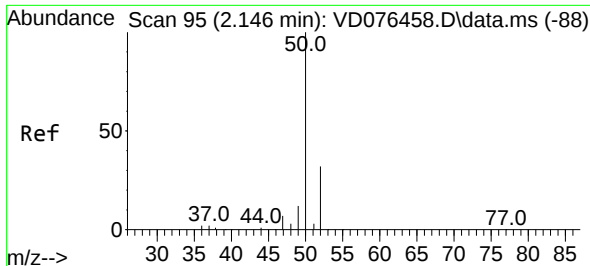
Tgt Ion: 85 Resp: 52082

Ion Ratio Lower Upper

85 100

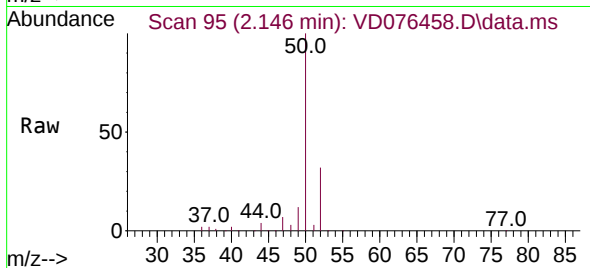
87 33.1 15.7 47.0





#3
Chloromethane
Concen: 47.281 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD076458.D
Acq: 16 Jun 2023 16:34

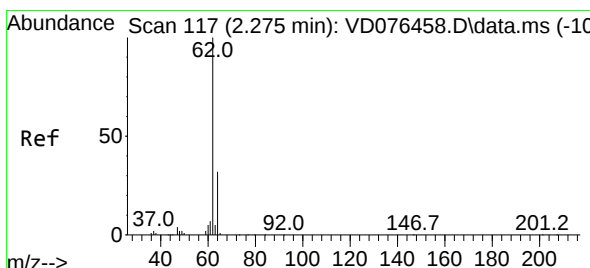
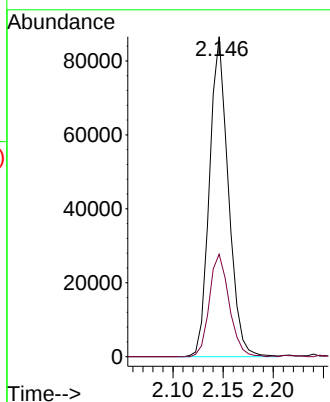
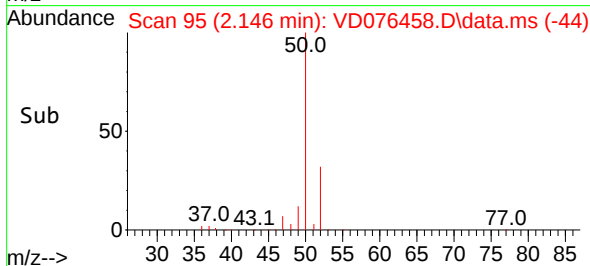
Instrument :
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ClientSampleId :
VSTDICCC050



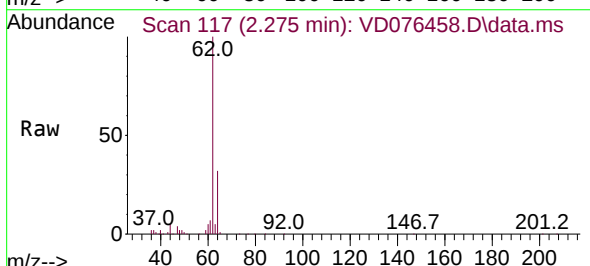
Tgt Ion: 50 Resp: 11354
Ion Ratio Lower Upper
50 100
52 32.0 26.6 40.0

Manual Integrations
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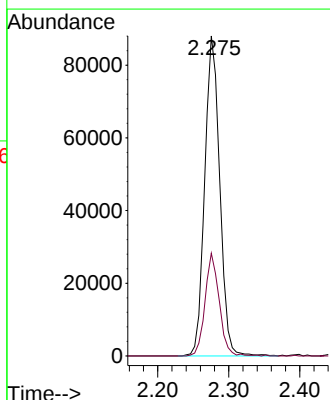
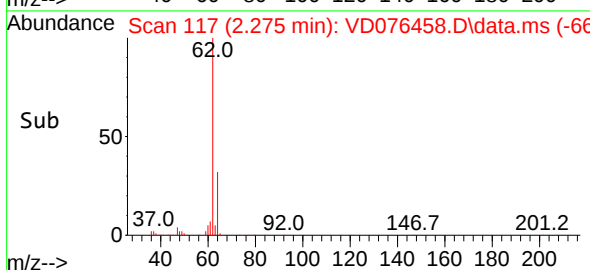
Reviewed By :Krupa Patel 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

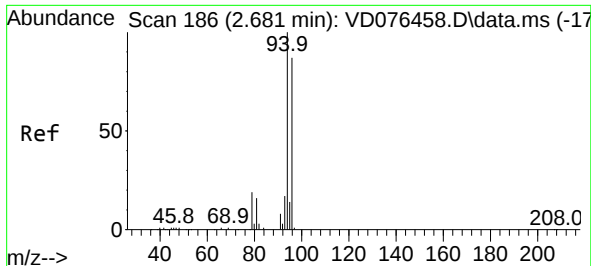


#4
Vinyl Chloride
Concen: 48.456 ug/l
RT: 2.275 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD076458.D
Acq: 16 Jun 2023 16:34



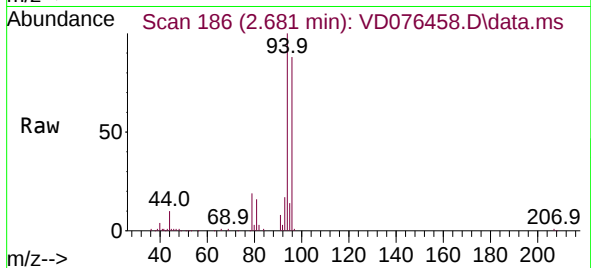
Tgt Ion: 62 Resp: 129805
Ion Ratio Lower Upper
62 100
64 32.1 26.0 39.0





#5
Bromomethane
Concen: 45.200 ug/l
RT: 2.681 min Scan# 186
Delta R.T. 0.000 min
Lab File: VD076458.D
Acq: 16 Jun 2023 16:34

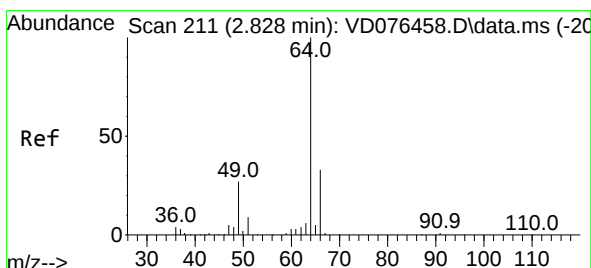
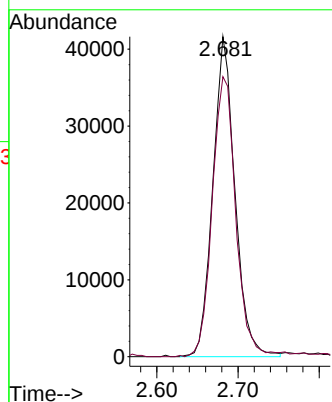
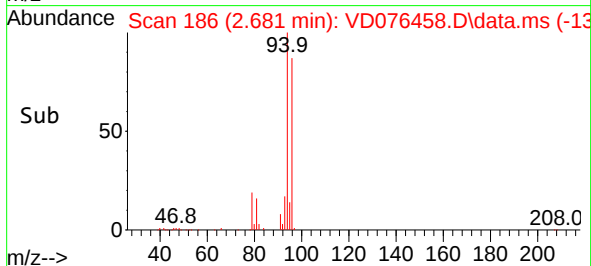
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Tgt Ion: 94 Resp: 78728
Ion Ratio Lower Upper
94 100
96 93.8 75.8 113.8

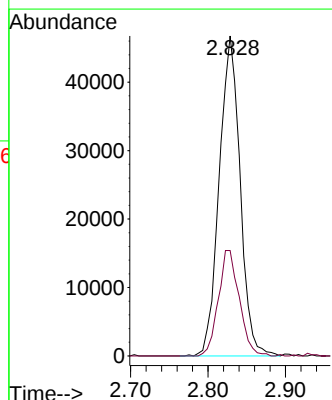
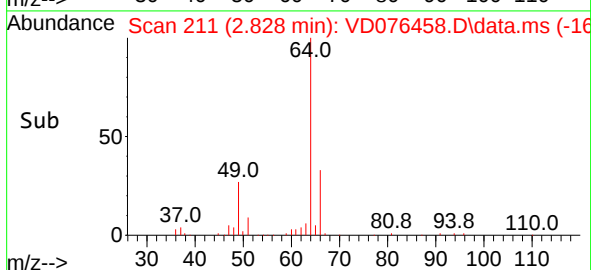
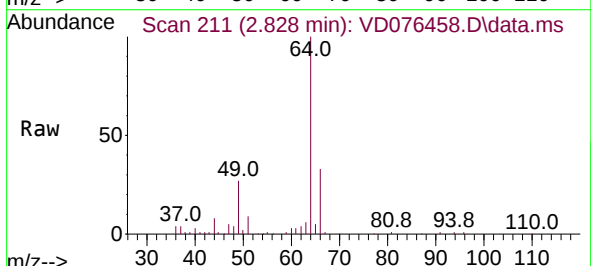
Manual Integrations
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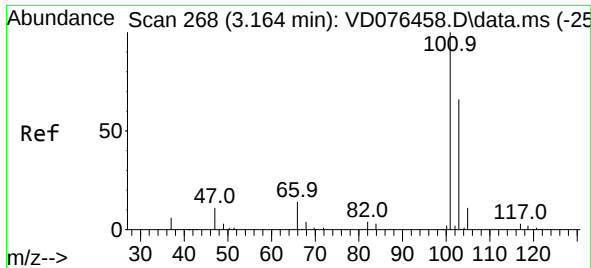
Reviewed By :Krupa Patel 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#6
Chloroethane
Concen: 47.731 ug/l
RT: 2.828 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD076458.D
Acq: 16 Jun 2023 16:34

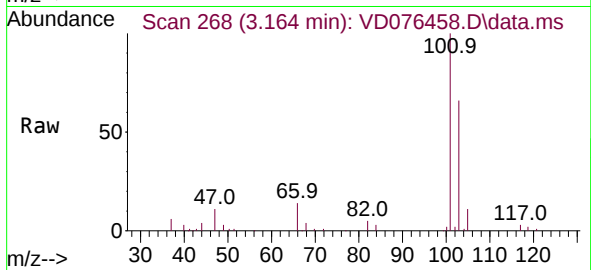
Tgt Ion: 64 Resp: 87635
Ion Ratio Lower Upper
64 100
66 32.9 25.5 38.3





#7
 Trichlorofluoromethane
 Concen: 44.733 ug/l
 RT: 3.164 min Scan# 201
 Delta R.T. 0.000 min
 Lab File: VD076458.D
 Acq: 16 Jun 2023 16:34

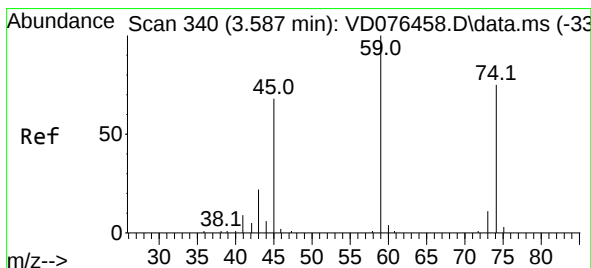
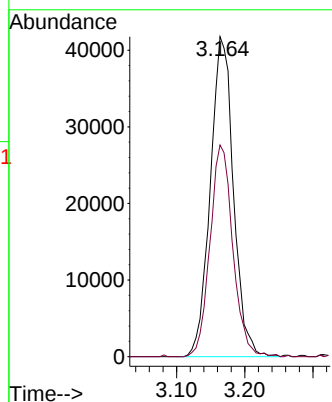
Instrument :
 MSVOA_D
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Tgt Ion:101 Resp: 98614
 Ion Ratio Lower Upper
 101 100
 103 66.2 52.3 78.5

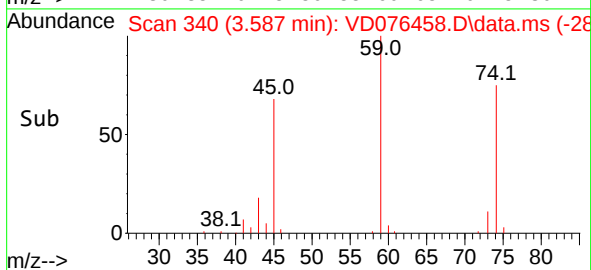
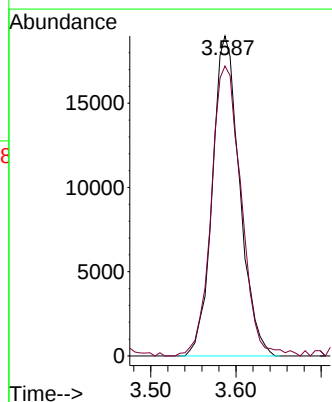
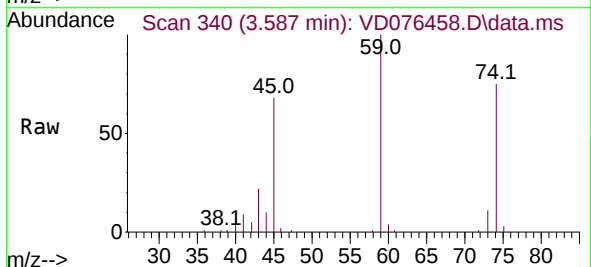
Manual Integrations
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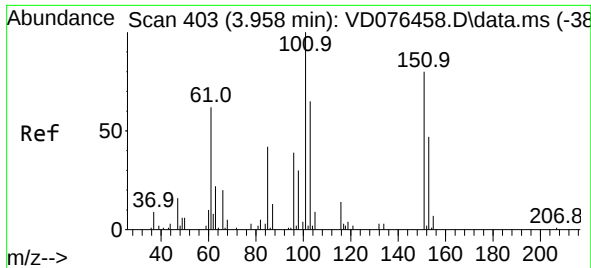
Reviewed By :Krupa Patel 06/19/2023
 Supervised By :Mahesh Dadoda 06/19/2023



#8
 Diethyl Ether
 Concen: 50.830 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. 0.000 min
 Lab File: VD076458.D
 Acq: 16 Jun 2023 16:34

Tgt Ion: 74 Resp: 42172
 Ion Ratio Lower Upper
 74 100
 45 99.7 37.5 112.7





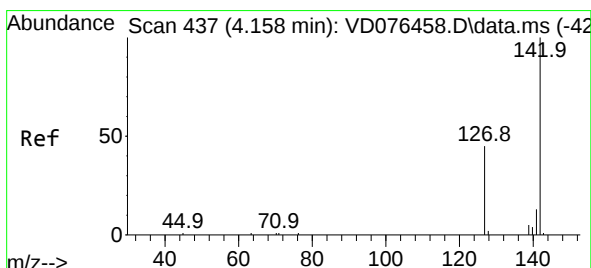
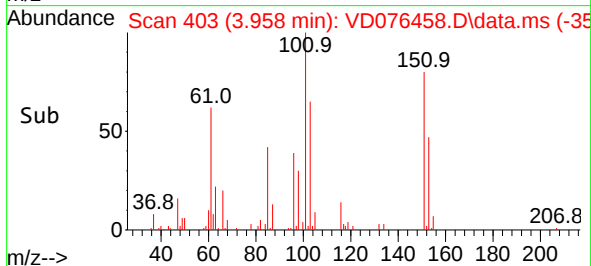
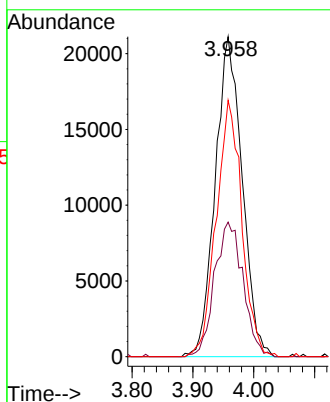
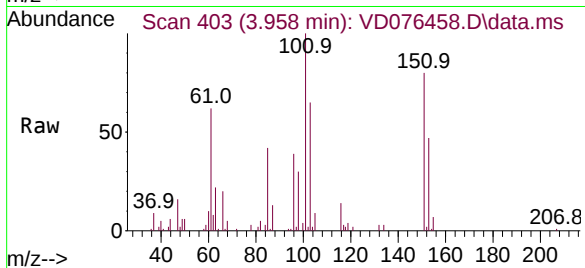
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.647 ug/l
RT: 3.958 min Scan# 403
Delta R.T. 0.000 min
Lab File: VD076458.D
Acq: 16 Jun 2023 16:34

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 64808
Ion Ratio Lower Upper
101 100
85 44.4 33.8 50.6
151 76.1 59.8 89.6

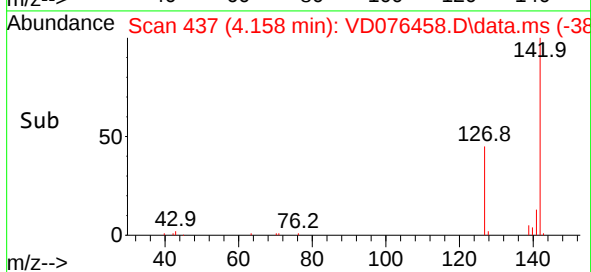
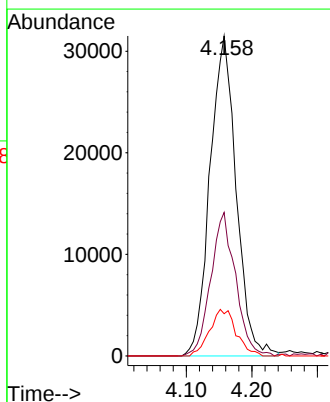
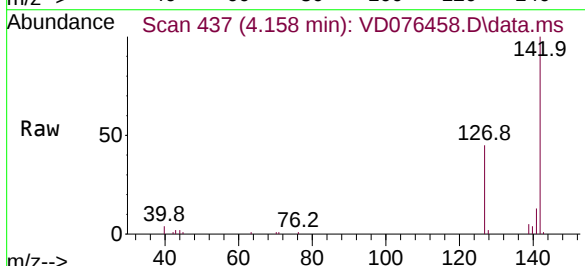
Manual Integrations
APPROVED

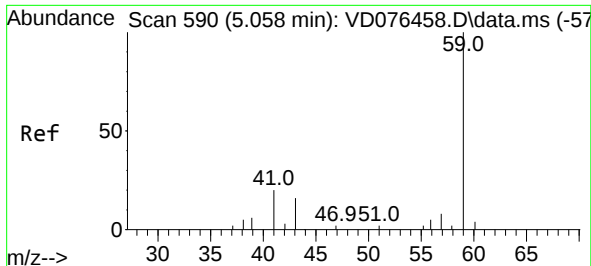
Reviewed By :Krupa Patel 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#10
Methyl Iodide
Concen: 51.829 ug/l
RT: 4.158 min Scan# 437
Delta R.T. 0.000 min
Lab File: VD076458.D
Acq: 16 Jun 2023 16:34

Tgt Ion:142 Resp: 87238
Ion Ratio Lower Upper
142 100
127 42.5 29.4 44.0
141 14.8 11.1 16.7





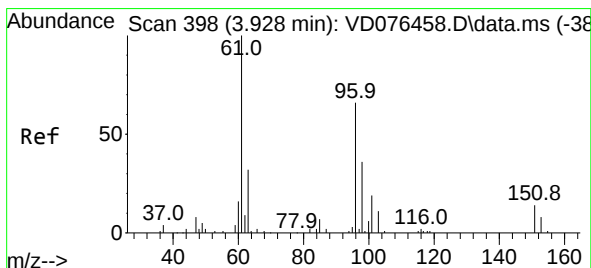
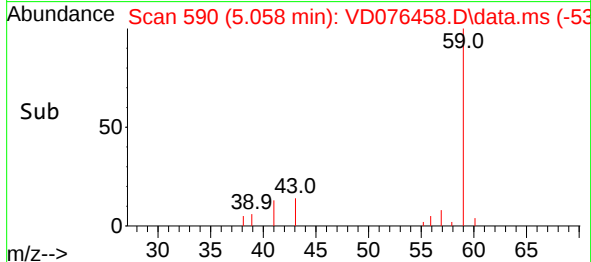
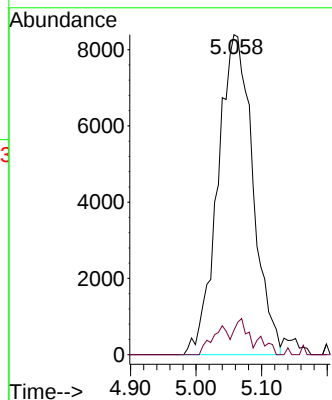
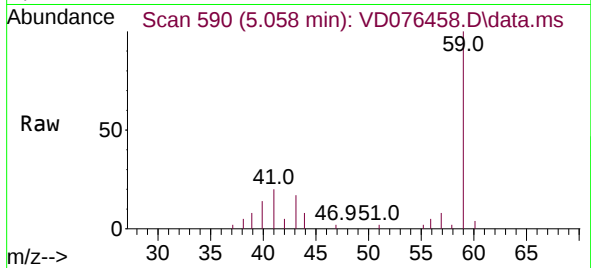
#11
Tert butyl alcohol
Concen: 237.602 ug/l
RT: 5.058 min Scan# 590
Delta R.T. 0.000 min
Lab File: VD076458.D
Acq: 16 Jun 2023 16:34

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 59 Resp: 3123
Ion Ratio Lower Upper
59 100
57 4.3 7.8 11.8

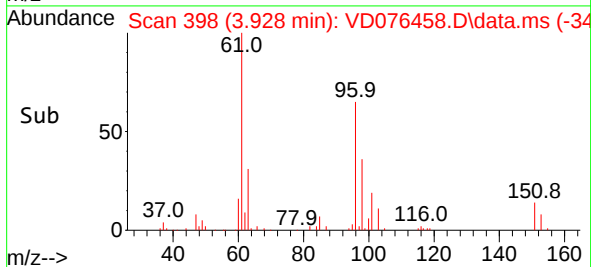
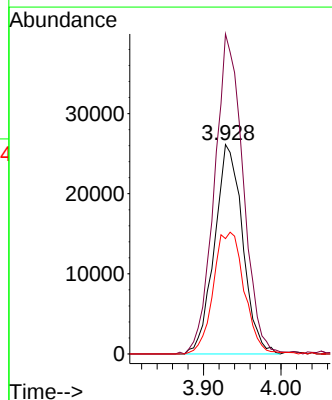
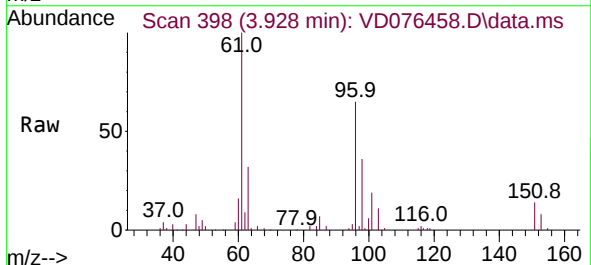
Manual Integrations
APPROVED

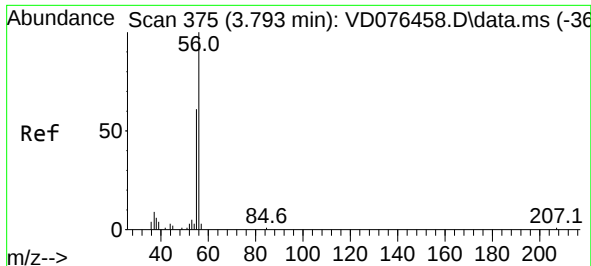
Reviewed By :Krupa Patel 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#12
1,1-Dichloroethene
Concen: 47.493 ug/l
RT: 3.928 min Scan# 398
Delta R.T. 0.000 min
Lab File: VD076458.D
Acq: 16 Jun 2023 16:34

Tgt Ion: 96 Resp: 66038
Ion Ratio Lower Upper
96 100
61 151.9 100.6 150.8#
98 55.0 50.2 75.2





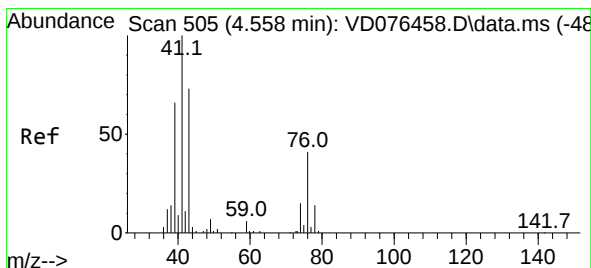
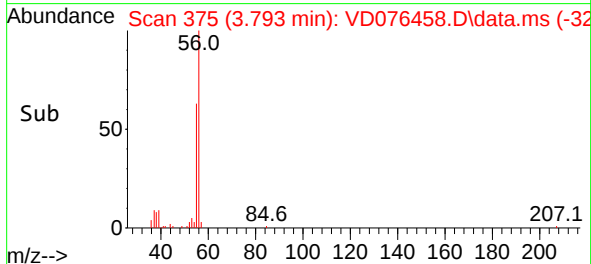
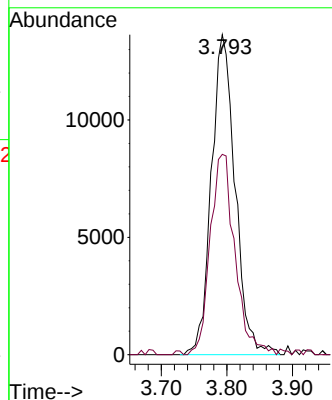
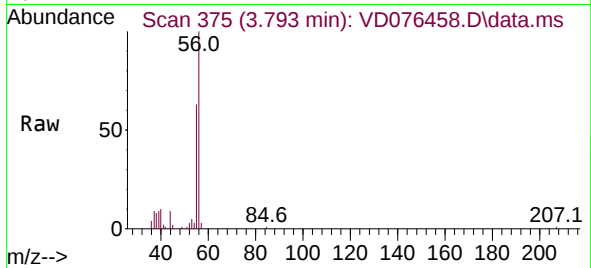
#13
Acrolein
Concen: 241.873 ug/l
RT: 3.793 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD076458.D
Acq: 16 Jun 2023 16:34

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 56 Resp: 34240
Ion Ratio Lower Upper
56 100
55 65.3 55.1 82.7

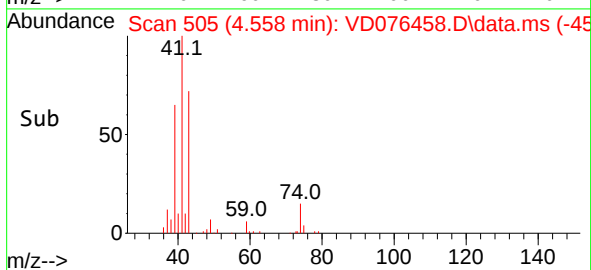
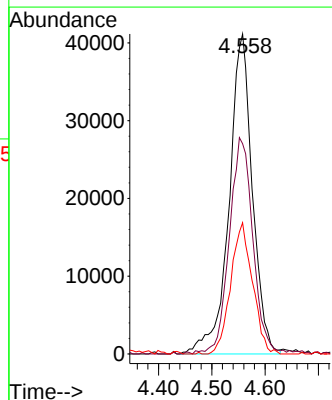
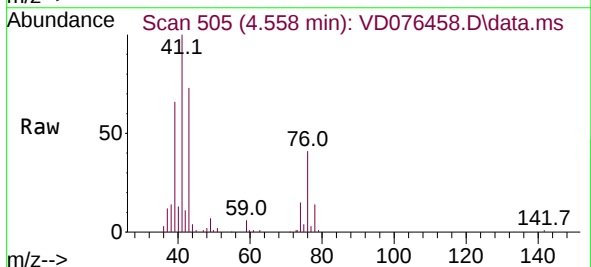
Manual Integrations
APPROVED

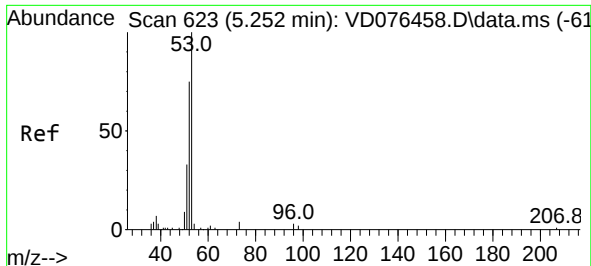
Reviewed By :Krupa Patel 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#14
Allyl chloride
Concen: 49.179 ug/l
RT: 4.558 min Scan# 505
Delta R.T. 0.000 min
Lab File: VD076458.D
Acq: 16 Jun 2023 16:34

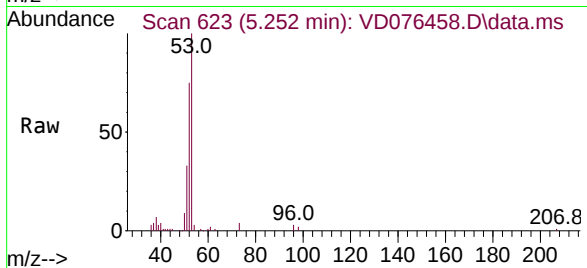
Tgt Ion: 41 Resp: 125057
Ion Ratio Lower Upper
41 100
39 68.5 53.8 80.6
76 38.4 45.8 68.8#





#15
Acrylonitrile
Concen: 260.698 ug/l
RT: 5.252 min Scan# 612
Delta R.T. 0.000 min
Lab File: VD076458.D
Acq: 16 Jun 2023 16:34

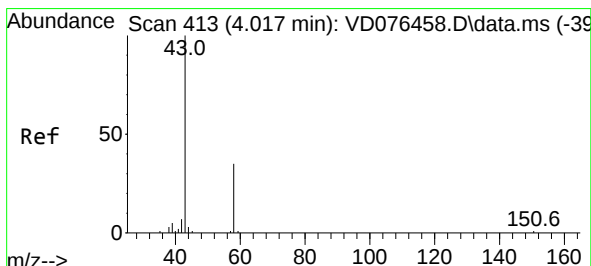
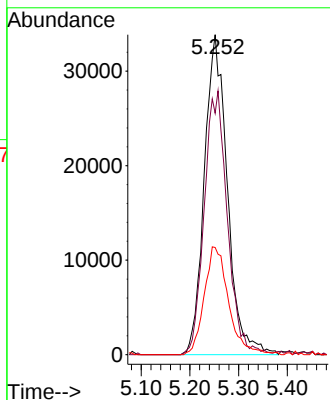
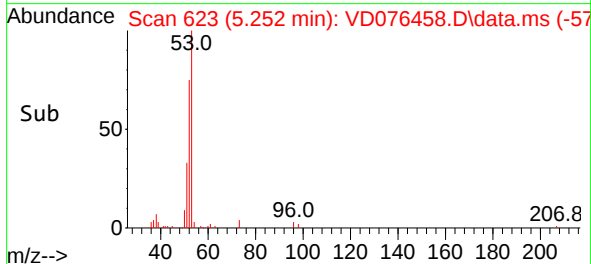
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



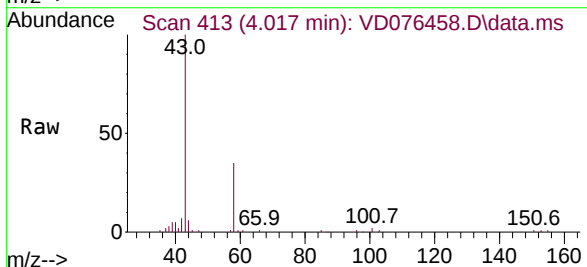
Tgt Ion: 53 Resp: 11122
Ion Ratio Lower Upper
53 100
52 81.4 65.0 97.4
51 35.7 28.3 42.5

Manual Integrations
APPROVED

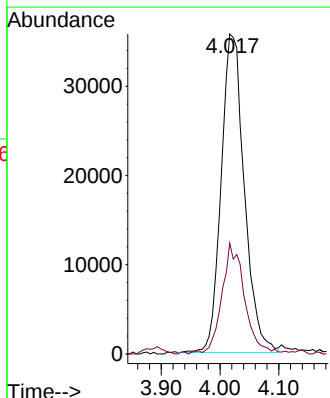
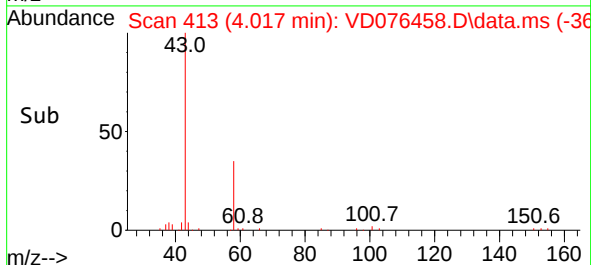
Reviewed By :Krupa Patel 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

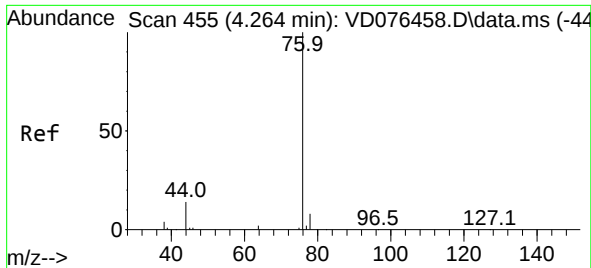


#16
Acetone
Concen: 270.310 ug/l
RT: 4.017 min Scan# 413
Delta R.T. -0.000 min
Lab File: VD076458.D
Acq: 16 Jun 2023 16:34



Tgt Ion: 43 Resp: 97931
Ion Ratio Lower Upper
43 100
58 34.8 34.7 52.1





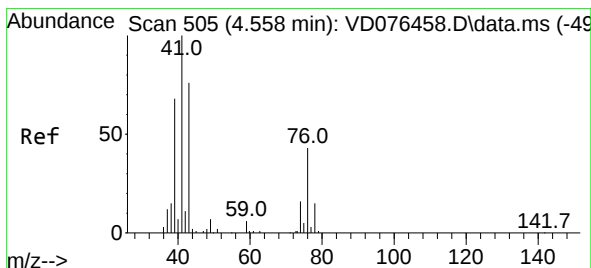
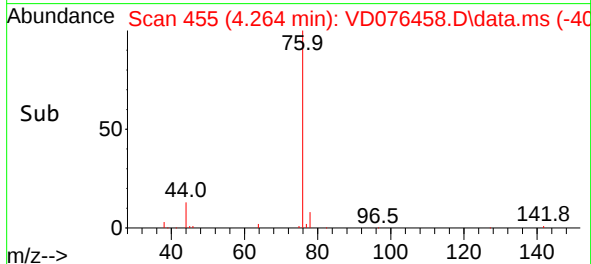
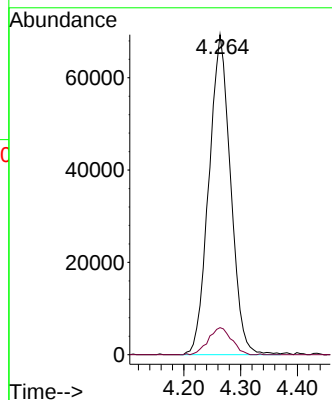
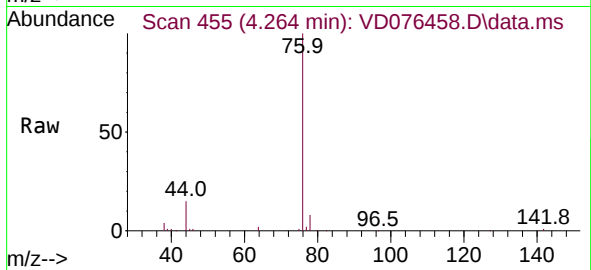
#17
Carbon Disulfide
Concen: 48.437 ug/l
RT: 4.264 min Scan# 455
Delta R.T. 0.000 min
Lab File: VD076458.D
Acq: 16 Jun 2023 16:34

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 18402
Ion Ratio Lower Upper
76 100
78 8.5 6.8 10.2

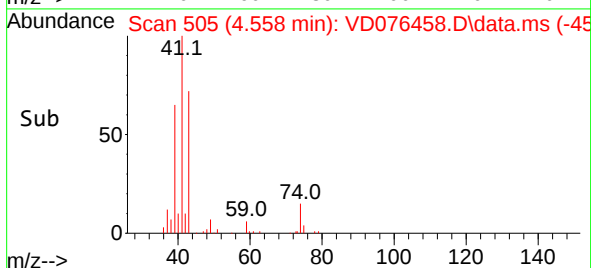
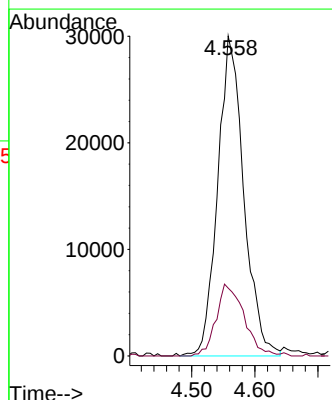
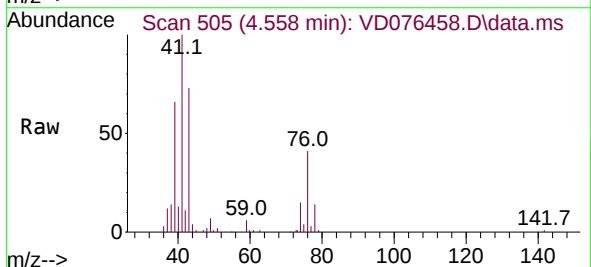
Manual Integrations
APPROVED

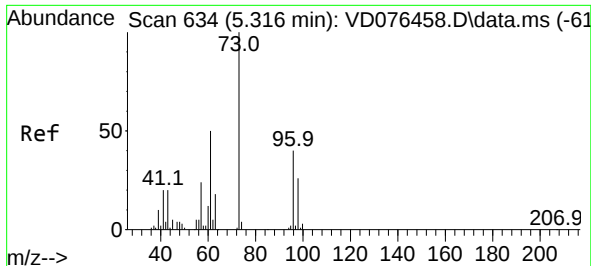
Reviewed By :Krupa Patel 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#18
Methyl Acetate
Concen: 51.596 ug/l
RT: 4.558 min Scan# 505
Delta R.T. 0.000 min
Lab File: VD076458.D
Acq: 16 Jun 2023 16:34

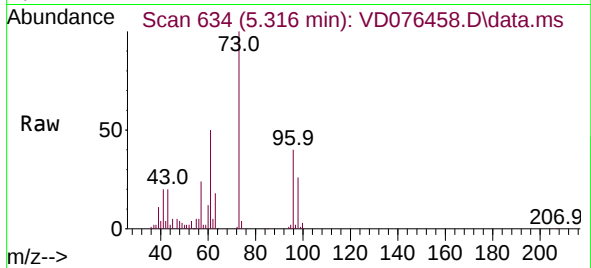
Tgt Ion: 43 Resp: 86145
Ion Ratio Lower Upper
43 100
74 23.9 26.4 39.6#





#19
Methyl tert-butyl Ether
Concen: 51.565 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD076458.D
Acq: 16 Jun 2023 16:34

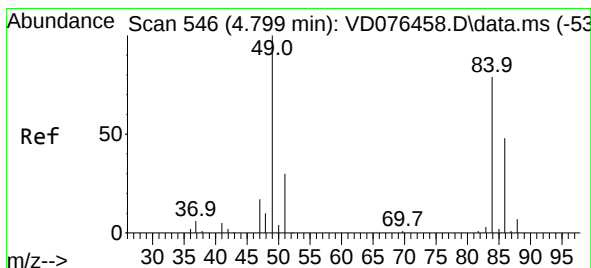
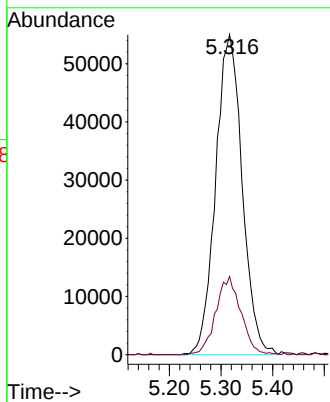
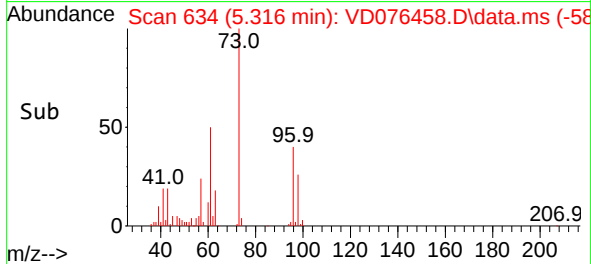
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion: 73 Resp: 196125
Ion Ratio Lower Upper
73 100
57 24.5 16.6 25.0

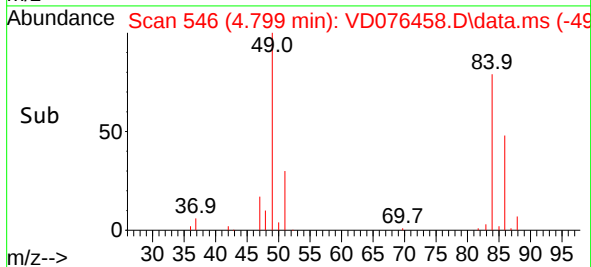
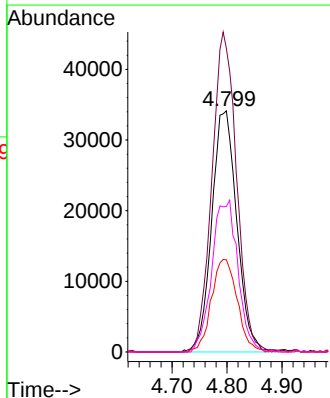
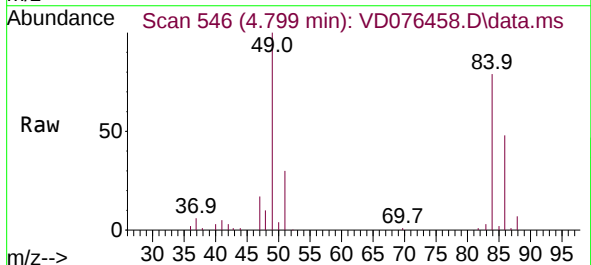
Manual Integrations
APPROVED

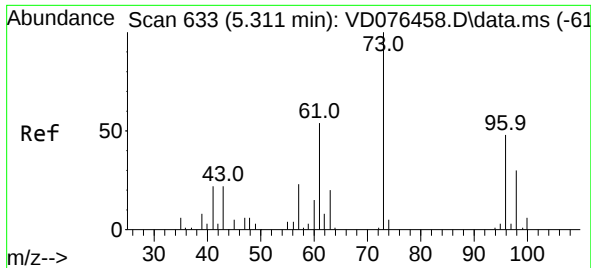
Reviewed By :Krupa Patel 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#20
Methylene Chloride
Concen: 53.972 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD076458.D
Acq: 16 Jun 2023 16:34

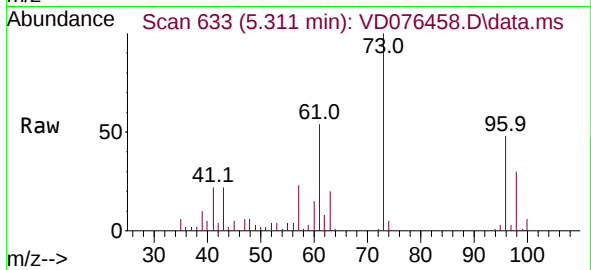
Tgt Ion: 84 Resp: 108349
Ion Ratio Lower Upper
84 100
49 125.9 71.4 107.2#
51 38.2 24.5 36.7#
86 60.4 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 49.245 ug/l
RT: 5.311 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD076458.D
Acq: 16 Jun 2023 16:34

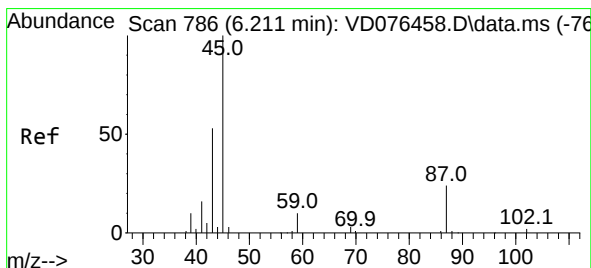
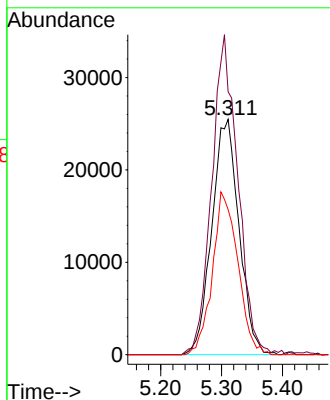
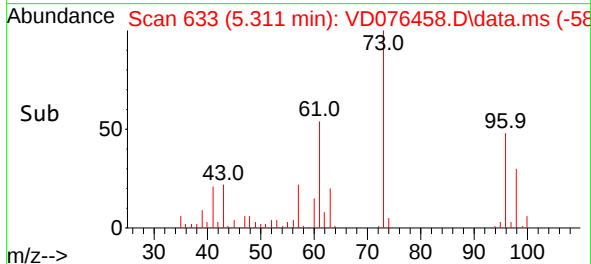
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion: 96 Resp: 7914
Ion Ratio Lower Upper
96 100
61 111.7 89.3 133.9
98 61.7 48.6 73.0

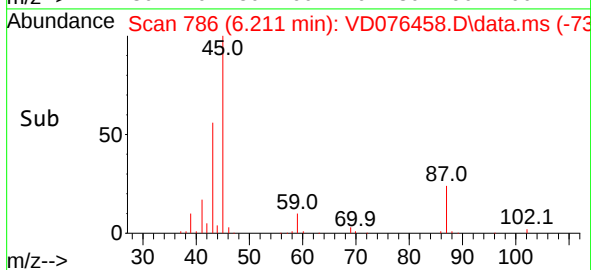
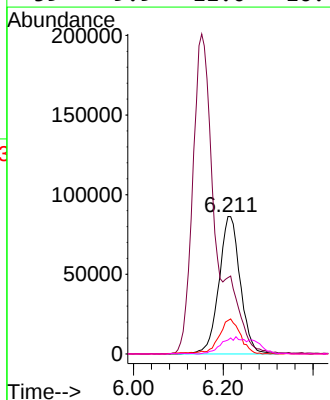
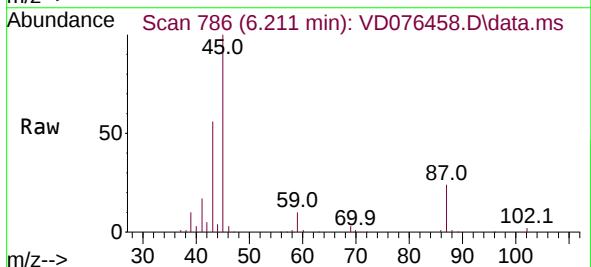
Manual Integrations
APPROVED

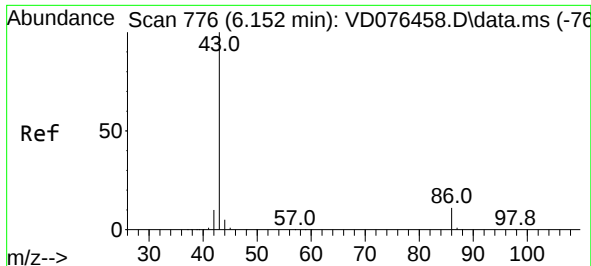
Reviewed By :Krupa Patel 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#22
Diisopropyl ether
Concen: 51.661 ug/l
RT: 6.211 min Scan# 786
Delta R.T. 0.000 min
Lab File: VD076458.D
Acq: 16 Jun 2023 16:34

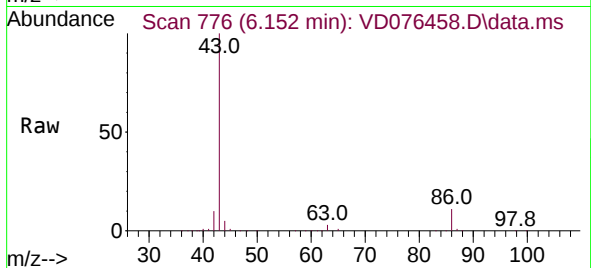
Tgt Ion: 45 Resp: 284061
Ion Ratio Lower Upper
45 100
43 54.8 40.0 60.0
87 24.3 28.2 42.4#
59 9.9 11.0 16.4#





#23
 Vinyl Acetate
 Concen: 272.786 ug/l m
 RT: 6.152 min Scan# 776
 Delta R.T. 0.000 min
 Lab File: VD076458.D
 Acq: 16 Jun 2023 16:34

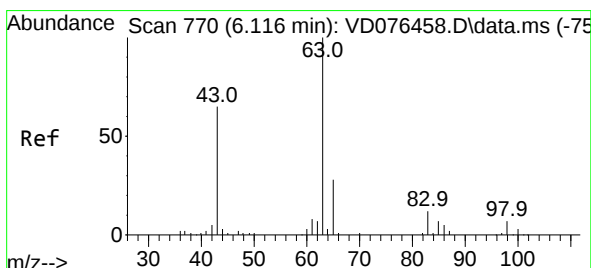
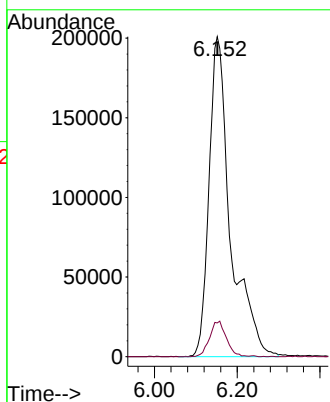
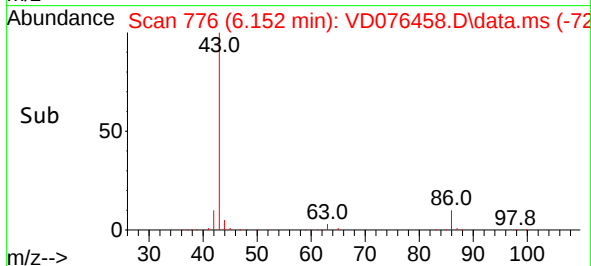
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050



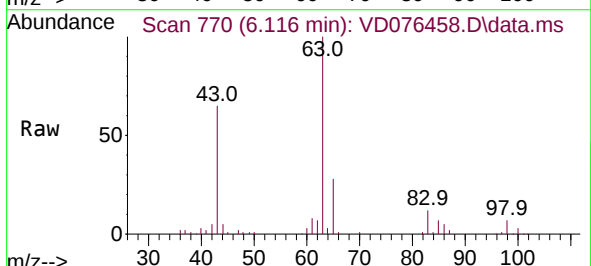
Tgt Ion: 43 Resp: 722162
 Ion Ratio Lower Upper
 43 100
 86 10.5 12.5 18.7

Manual Integrations
 APPROVED

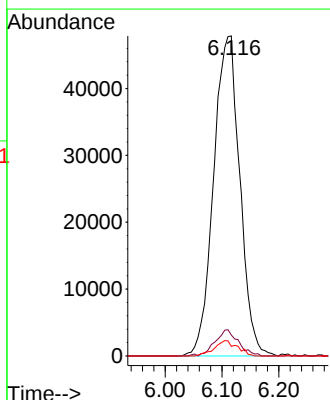
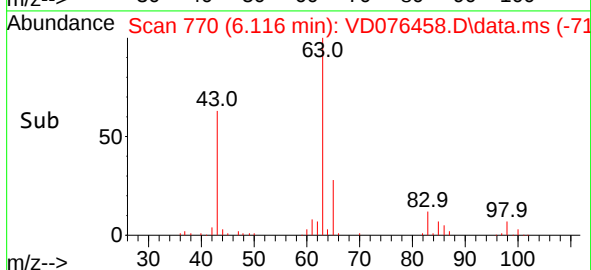
Reviewed By :Krupa Patel 06/19/2023
 Supervised By :Mahesh Dadoda 06/19/2023

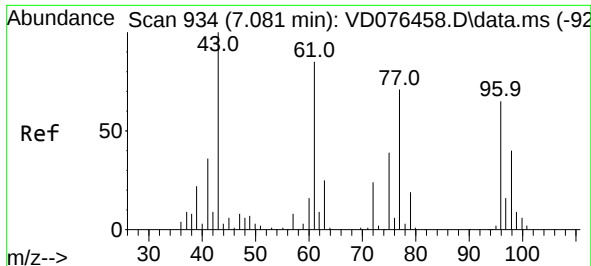


#24
 1,1-Dichloroethane
 Concen: 50.019 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VD076458.D
 Acq: 16 Jun 2023 16:34



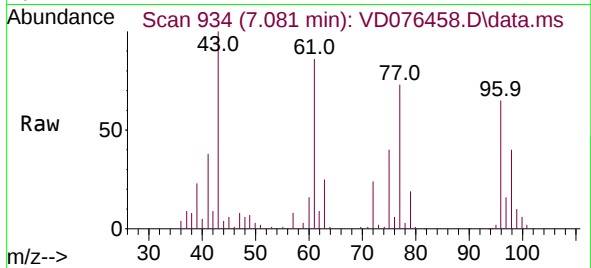
Tgt Ion: 63 Resp: 153580
 Ion Ratio Lower Upper
 63 100
 98 6.5 4.5 13.7
 100 3.0 2.5 7.5





#25
2-Butanone
Concen: 261.773 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076458.D
Acq: 16 Jun 2023 16:34

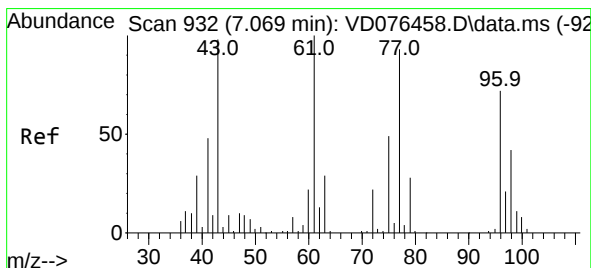
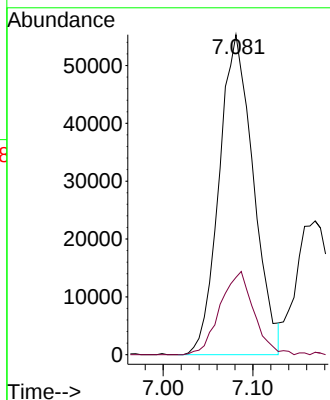
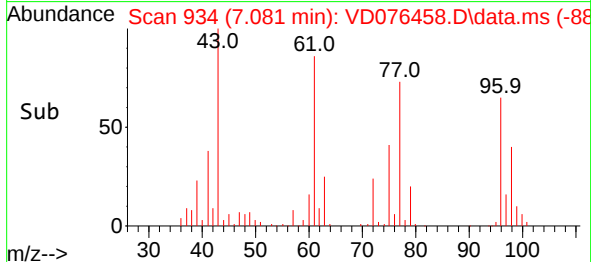
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



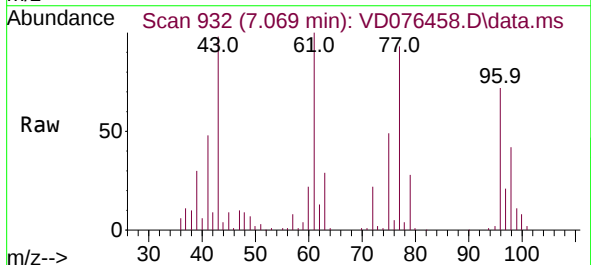
Tgt Ion: 43 Resp: 146680
Ion Ratio Lower Upper
43 100
72 24.2 30.7 46.1

Manual Integrations
APPROVED

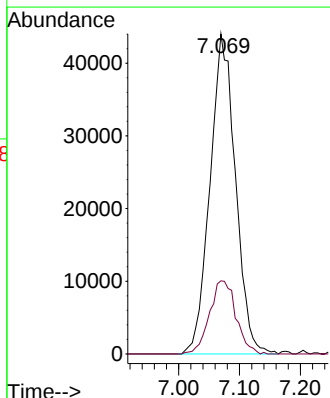
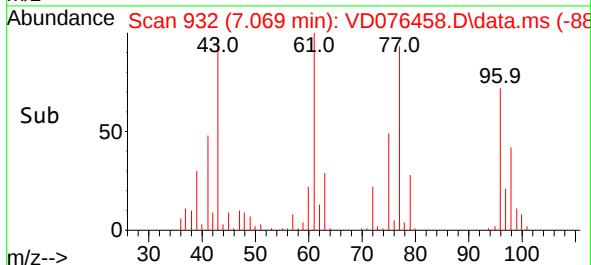
Reviewed By :Krupa Patel 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

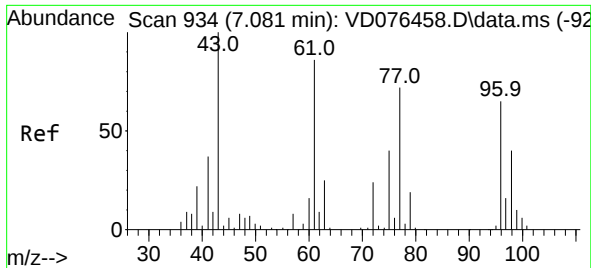


#26
2,2-Dichloropropane
Concen: 48.249 ug/l
RT: 7.069 min Scan# 932
Delta R.T. 0.000 min
Lab File: VD076458.D
Acq: 16 Jun 2023 16:34



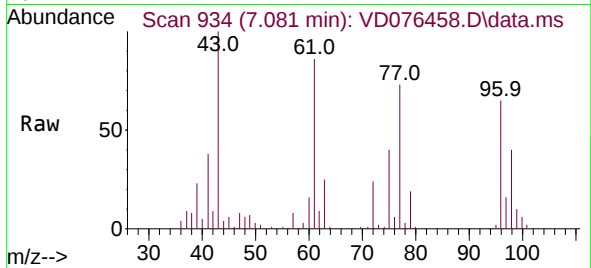
Tgt Ion: 77 Resp: 127726
Ion Ratio Lower Upper
77 100
97 23.8 13.2 39.6





#27
 cis-1,2-Dichloroethene
 Concen: 50.966 ug/l
 RT: 7.081 min Scan# 913
 Delta R.T. 0.000 min
 Lab File: VD076458.D
 Acq: 16 Jun 2023 16:34

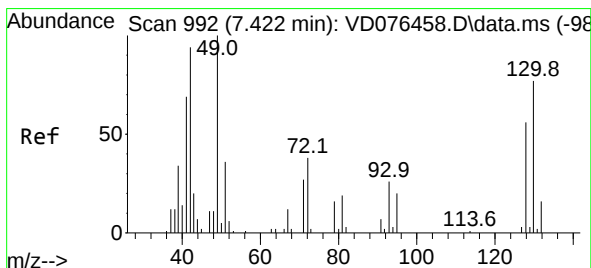
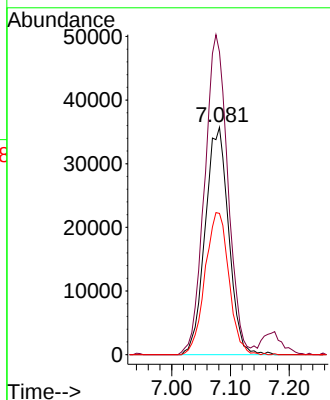
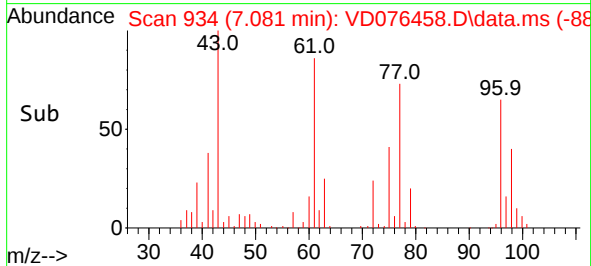
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050



Tgt Ion: 96 Resp: 99130
 Ion Ratio Lower Upper
 96 100
 61 139.0 0.0 239.2
 98 63.4 0.0 128.6

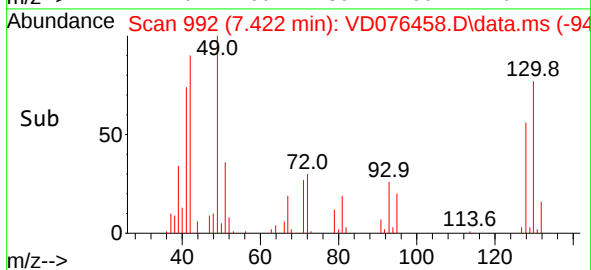
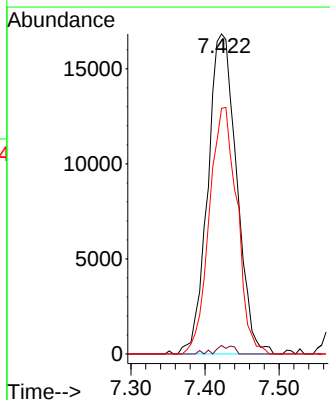
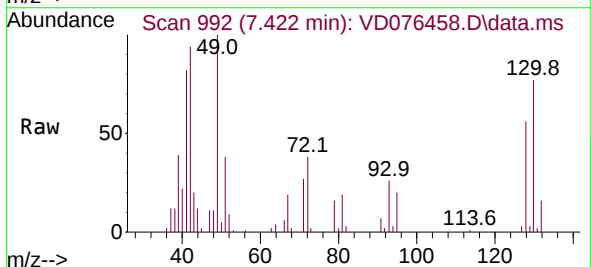
Manual Integrations
 APPROVED

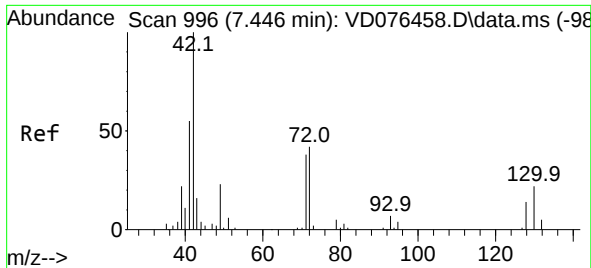
Reviewed By :Krupa Patel 06/19/2023
 Supervised By :Mahesh Dadoda 06/19/2023



#28
 Bromochloromethane
 Concen: 51.578 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. 0.000 min
 Lab File: VD076458.D
 Acq: 16 Jun 2023 16:34

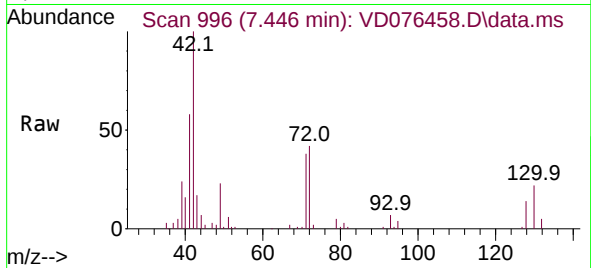
Tgt Ion: 49 Resp: 45569
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 6.0
 130 74.0 83.2 124.8#





#29
Tetrahydrofuran
Concen: 259.472 ug/l
RT: 7.446 min Scan# 996
Delta R.T. 0.000 min
Lab File: VD076458.D
Acq: 16 Jun 2023 16:34

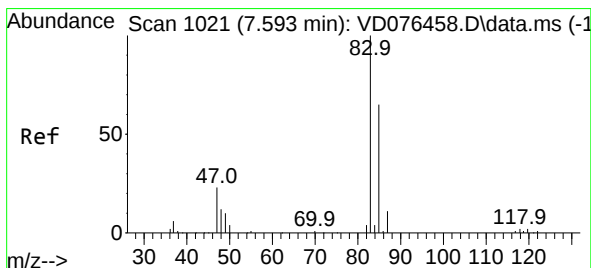
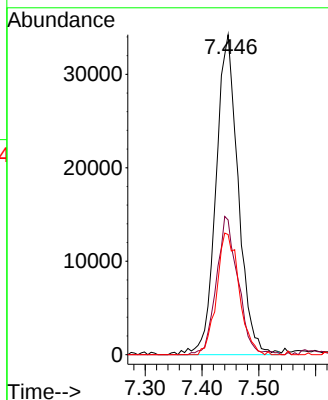
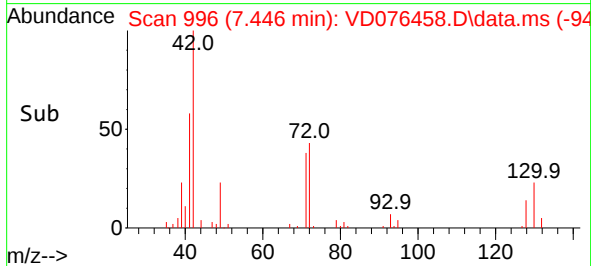
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



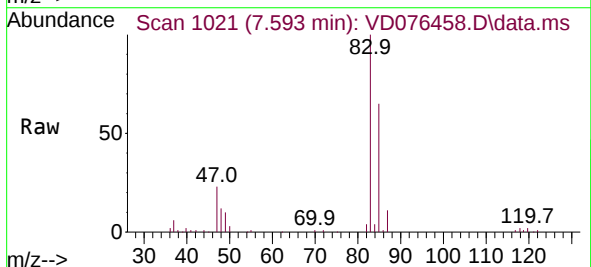
Tgt Ion: 42 Resp: 93439
Ion Ratio Lower Upper
42 100
72 41.9 46.5 69.7
71 38.1 44.5 66.7

Manual Integrations
APPROVED

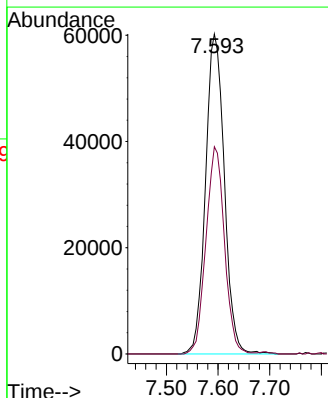
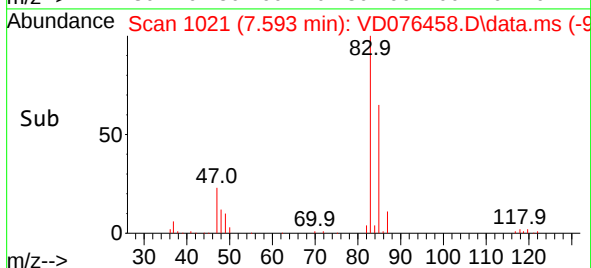
Reviewed By :Krupa Patel 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

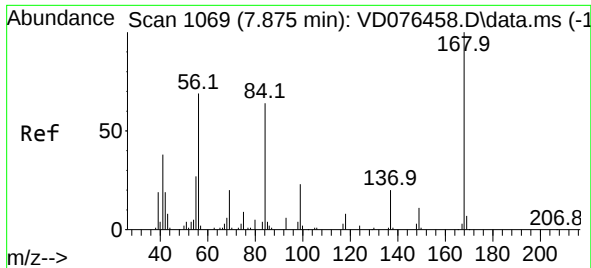


#30
Chloroform
Concen: 50.029 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VD076458.D
Acq: 16 Jun 2023 16:34



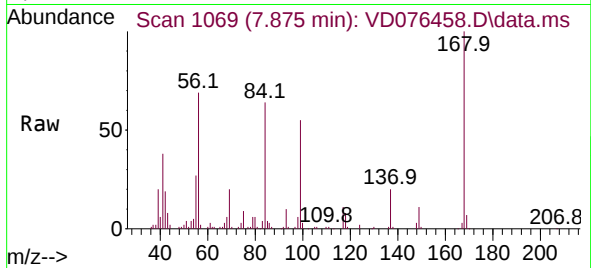
Tgt Ion: 83 Resp: 152102
Ion Ratio Lower Upper
83 100
85 64.7 53.4 80.2





#31
Cyclohexane
Concen: 47.270 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076458.D
Acq: 16 Jun 2023 16:34

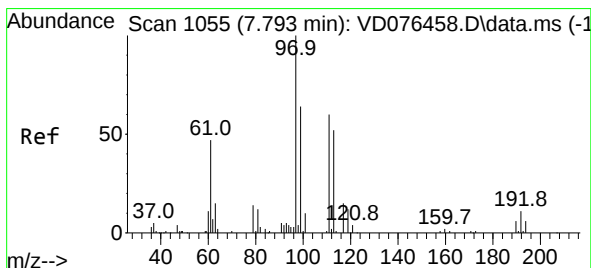
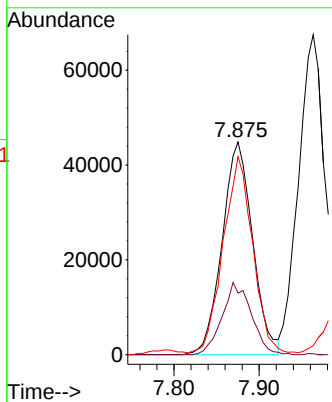
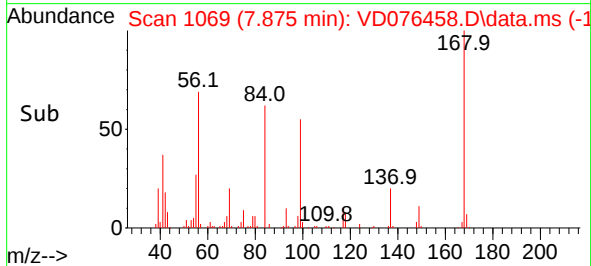
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



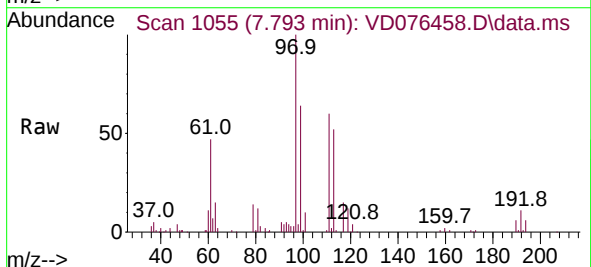
Tgt Ion: 56 Resp: 11163
Ion Ratio Lower Upper
56 100
69 28.4 28.6 43.0
84 91.8 84.8 127.2

Manual Integrations
APPROVED

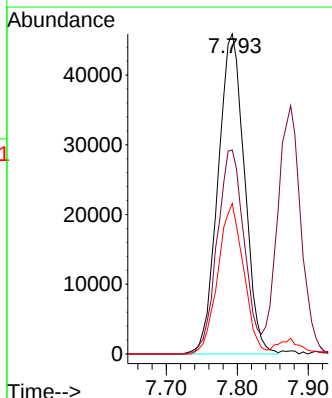
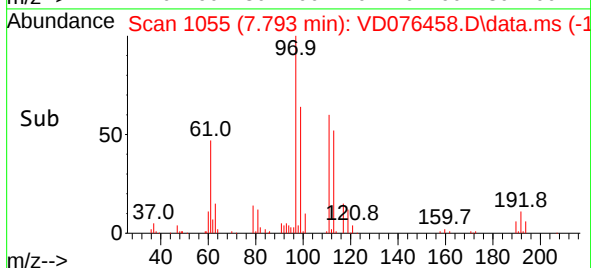
Reviewed By :Krupa Patel 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

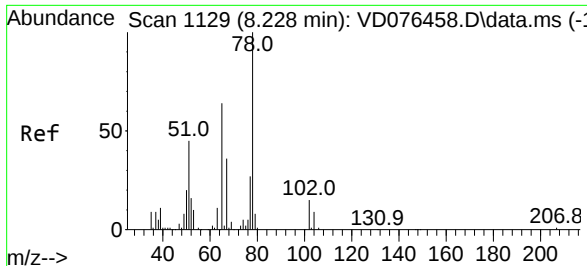


#32
1,1,1-Trichloroethane
Concen: 48.368 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD076458.D
Acq: 16 Jun 2023 16:34



Tgt Ion: 97 Resp: 118868
Ion Ratio Lower Upper
97 100
99 65.1 52.0 78.0
61 45.7 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 50.213 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD076458.D

Acq: 16 Jun 2023 16:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion: 65 Resp: 76449

Ion Ratio Lower Upper

65 100

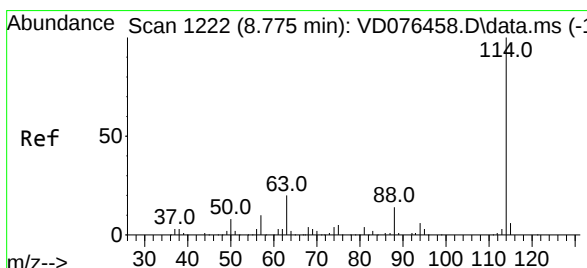
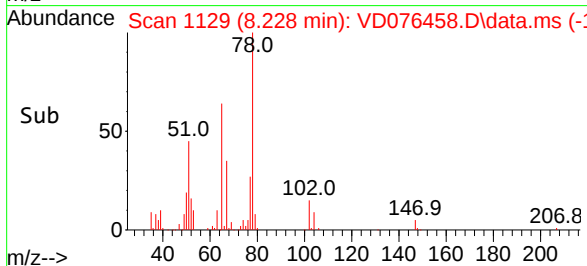
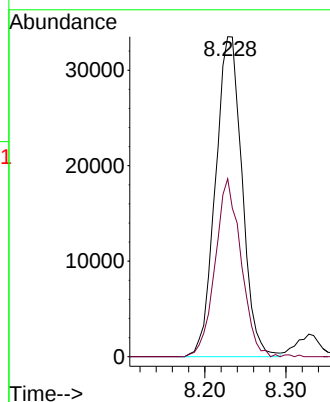
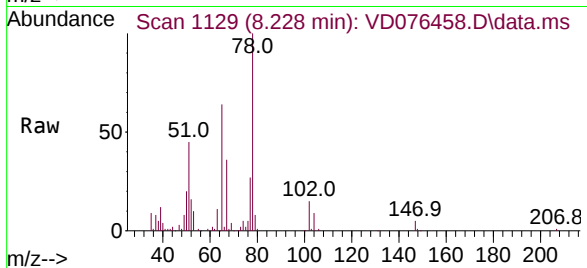
67 53.8 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/19/2023

Supervised By :Mahesh Dadoda 06/19/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD076458.D

Acq: 16 Jun 2023 16:34

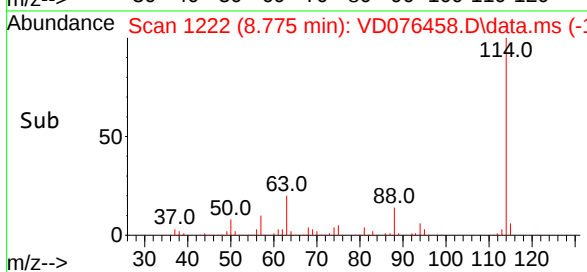
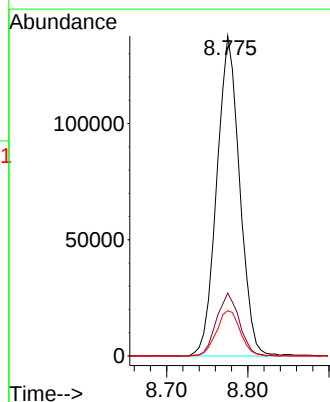
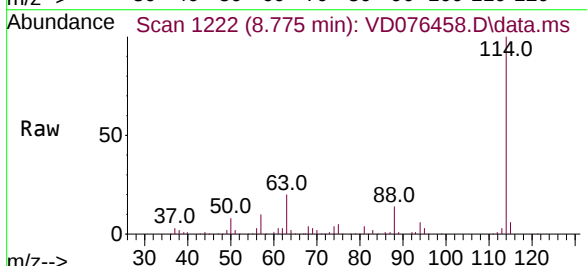
Tgt Ion:114 Resp: 269377

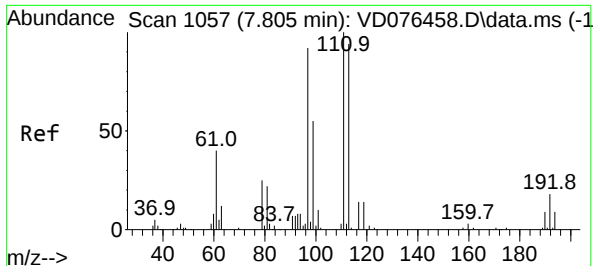
Ion Ratio Lower Upper

114 100

63 19.7 0.0 33.4

88 14.2 0.0 26.2





#35

Dibromofluoromethane

Concen: 49.914 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD076458.D

Acq: 16 Jun 2023 16:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

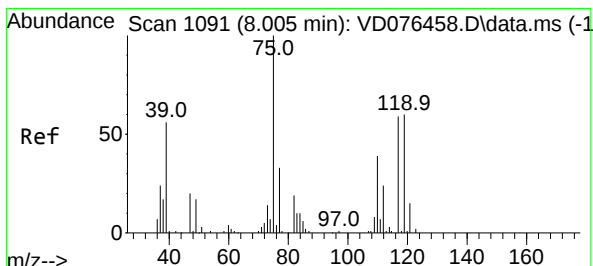
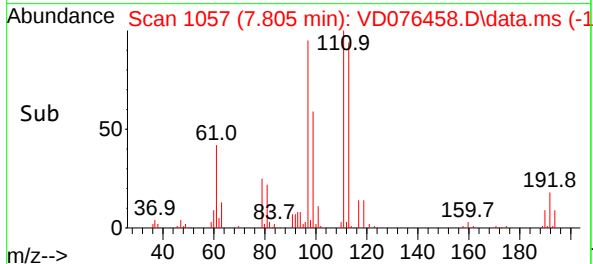
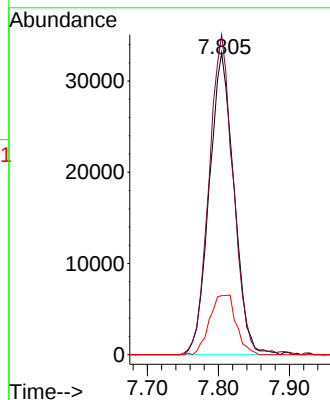
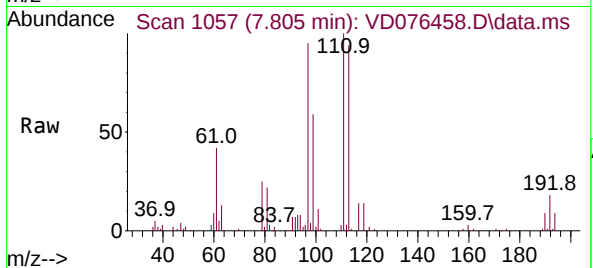
Tgt Ion:	113	Resp:	7987
Ion Ratio	Lower	Upper	
113	100		
111	104.7	84.7	127.1
192	21.1	16.8	25.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/19/2023

Supervised By :Mahesh Dadoda 06/19/2023



#36

1,1-Dichloropropene

Concen: 46.518 ug/l

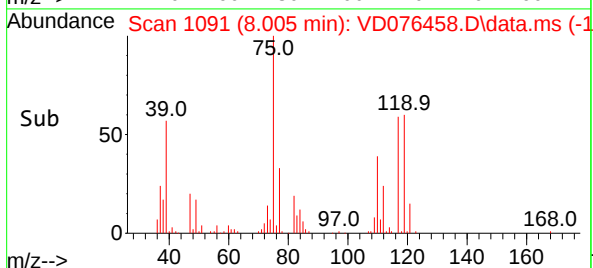
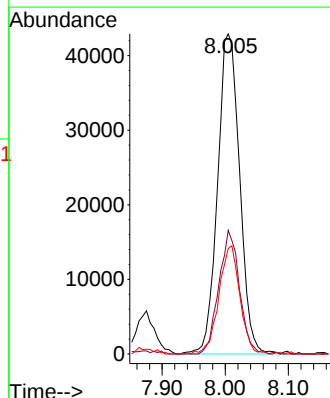
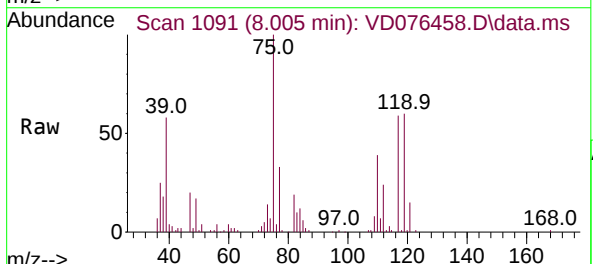
RT: 8.005 min Scan# 1091

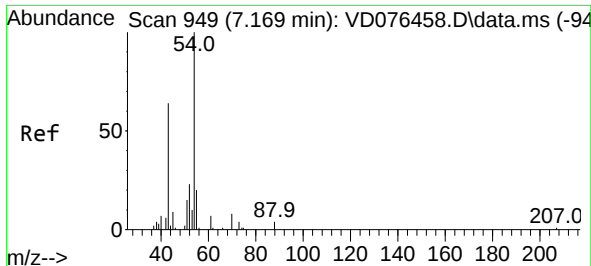
Delta R.T. 0.000 min

Lab File: VD076458.D

Acq: 16 Jun 2023 16:34

Tgt Ion:	75	Resp:	104246
Ion Ratio	Lower	Upper	
75	100		
110	36.0	19.9	59.6
77	32.3	24.7	37.1





#37

Ethyl Acetate

Concen: 48.641 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD076458.D

Acq: 16 Jun 2023 16:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 63164

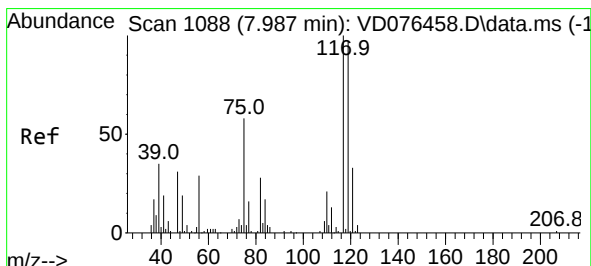
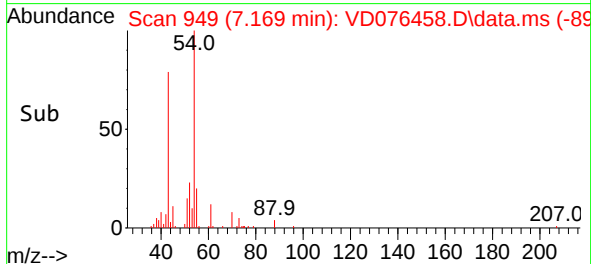
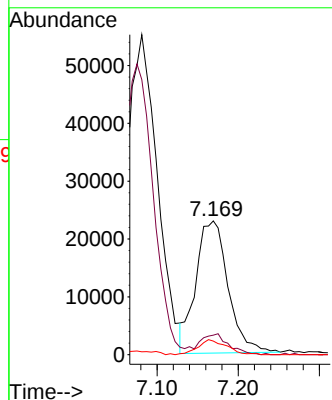
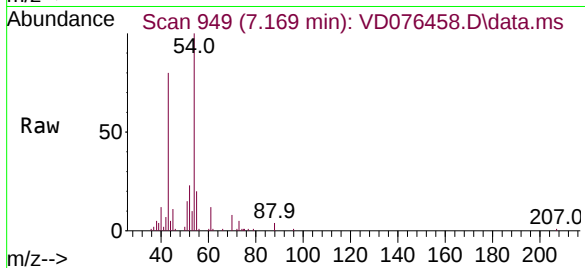
Ion	Ratio	Lower	Upper
43	100		
61	14.4	14.9	22.3
70	10.1	10.0	15.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/19/2023

Supervised By :Mahesh Dadoda 06/19/2023



#38

Carbon Tetrachloride

Concen: 47.469 ug/l

RT: 7.987 min Scan# 1088

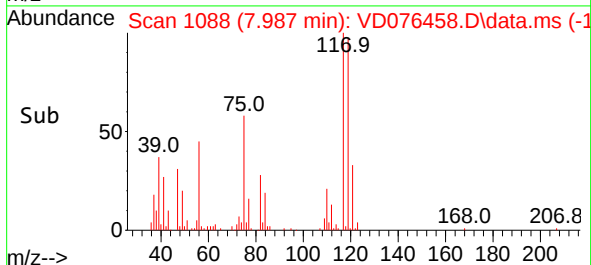
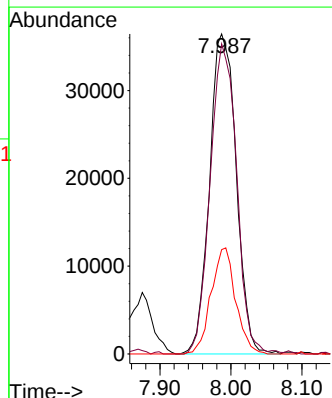
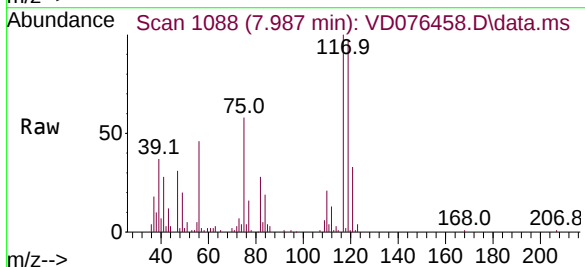
Delta R.T. 0.000 min

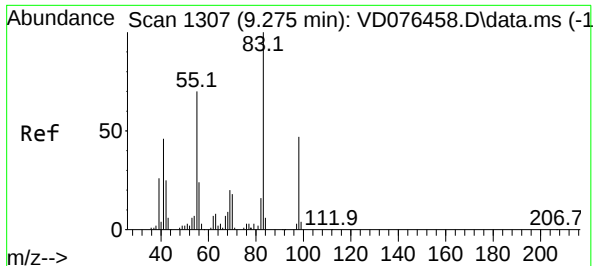
Lab File: VD076458.D

Acq: 16 Jun 2023 16:34

Tgt Ion:117 Resp: 95079

Ion	Ratio	Lower	Upper
117	100		
119	96.9	78.0	117.0
121	32.6	24.2	36.2





#39

Methylcyclohexane

Concen: 45.811 ug/l

RT: 9.275 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VD076458.D

Acq: 16 Jun 2023 16:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 120475

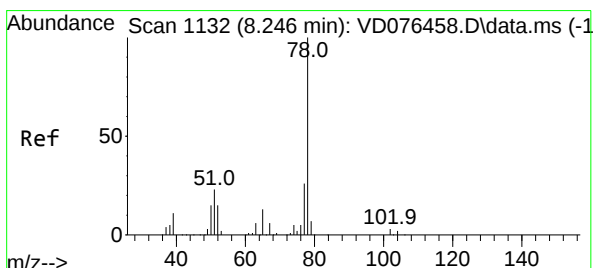
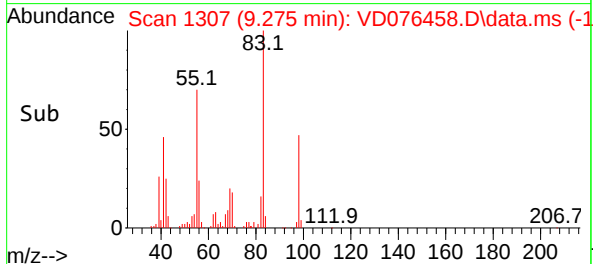
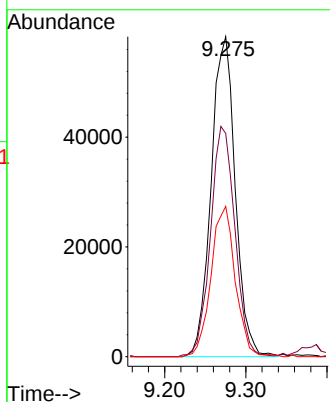
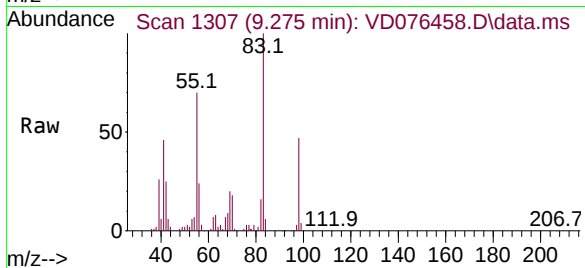
Ion	Ratio	Lower	Upper
83	100		
55	69.8	49.4	74.0
98	47.0	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/19/2023

Supervised By :Mahesh Dadoda 06/19/2023



#40

Benzene

Concen: 48.968 ug/l

RT: 8.246 min Scan# 1132

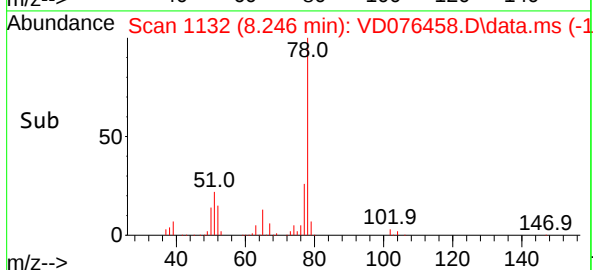
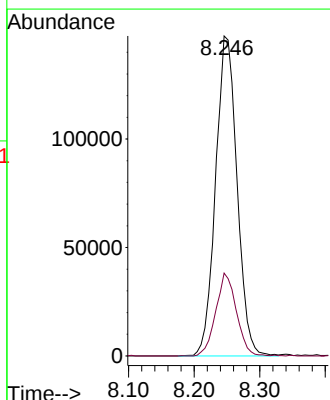
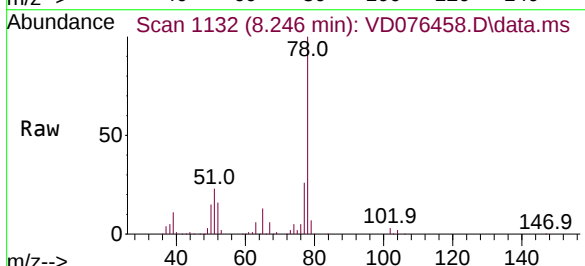
Delta R.T. 0.000 min

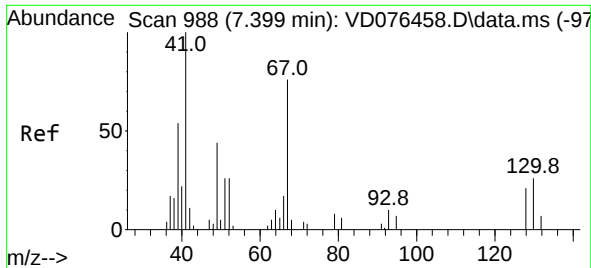
Lab File: VD076458.D

Acq: 16 Jun 2023 16:34

Tgt Ion: 78 Resp: 334647

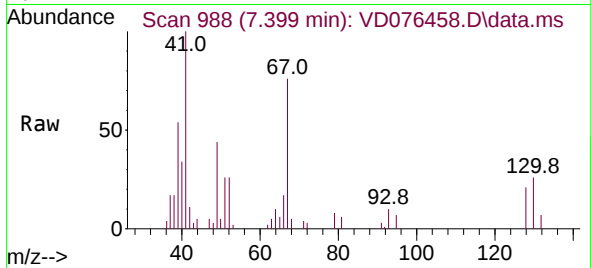
Ion	Ratio	Lower	Upper
78	100		
77	25.9	19.4	29.0





#41
Methacrylonitrile
Concen: 50.657 ug/l
RT: 7.399 min Scan# 911
Delta R.T. 0.000 min
Lab File: VD076458.D
Acq: 16 Jun 2023 16:34

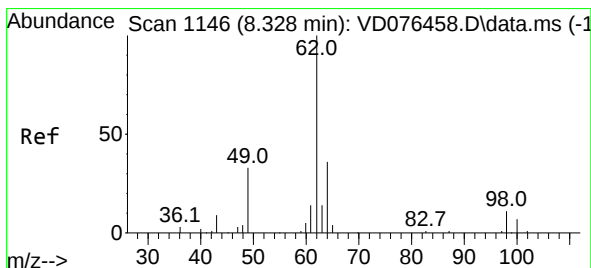
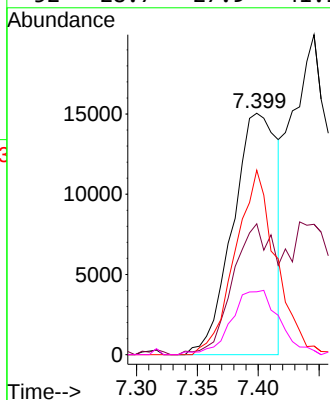
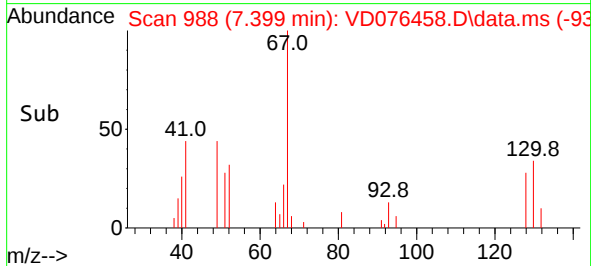
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



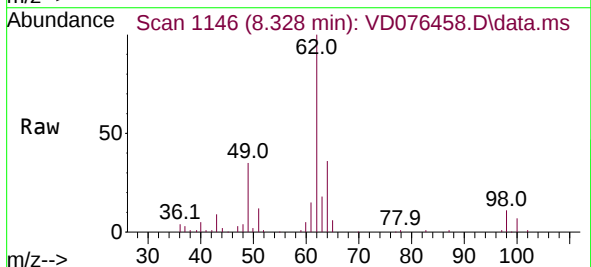
Tgt Ion: 41 Resp: 3806
Ion Ratio Lower Upper
41 100
39 51.0 34.0 51.0
67 71.1 77.0 115.4
52 28.7 27.9 41.9

Manual Integrations
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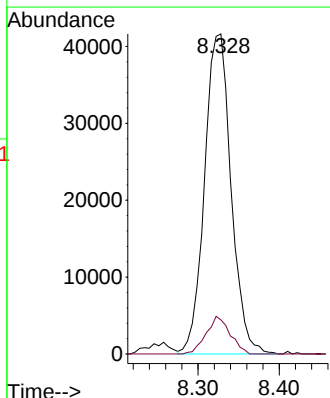
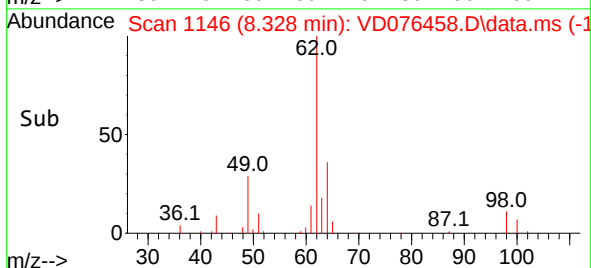
Reviewed By :Krupa Patel 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

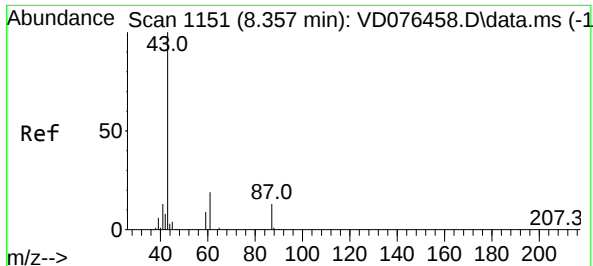


#42
1,2-Dichloroethane
Concen: 51.288 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD076458.D
Acq: 16 Jun 2023 16:34



Tgt Ion: 62 Resp: 94707
Ion Ratio Lower Upper
62 100
98 10.5 0.0 25.4





#43

Isopropyl Acetate

Concen: 50.504 ug/l

RT: 8.357 min Scan# 1151

Delta R.T. 0.000 min

Lab File: VD076458.D

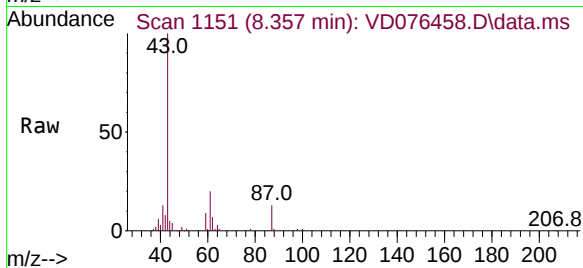
Acq: 16 Jun 2023 16:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050



Tgt Ion: 43 Resp: 12416

Ion Ratio Lower Upper

43 100

61 28.9 31.4 47.0

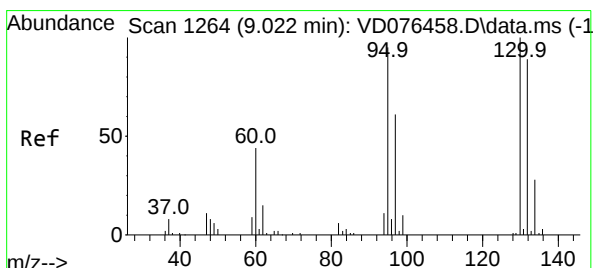
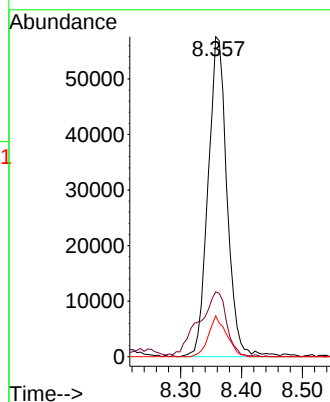
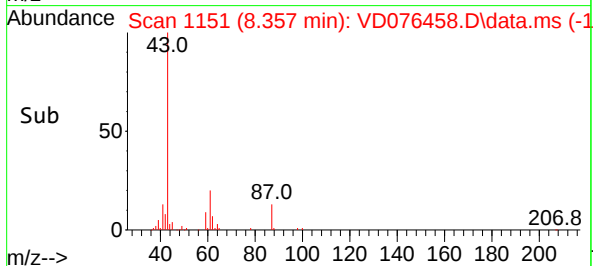
87 12.2 14.9 22.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/19/2023

Supervised By :Mahesh Dadoda 06/19/2023



#44

Trichloroethene

Concen: 47.816 ug/l

RT: 9.022 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VD076458.D

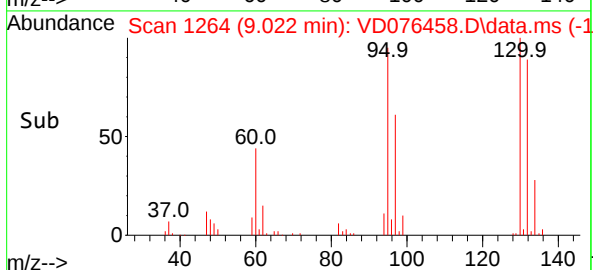
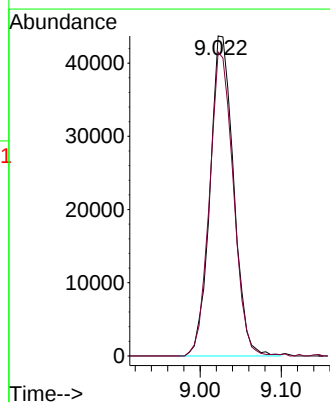
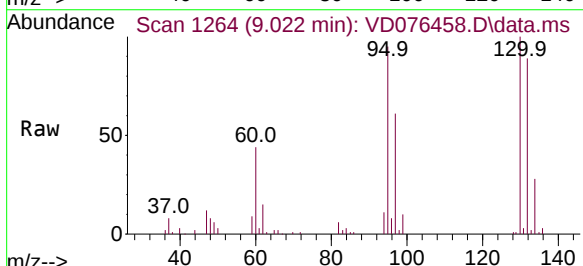
Acq: 16 Jun 2023 16:34

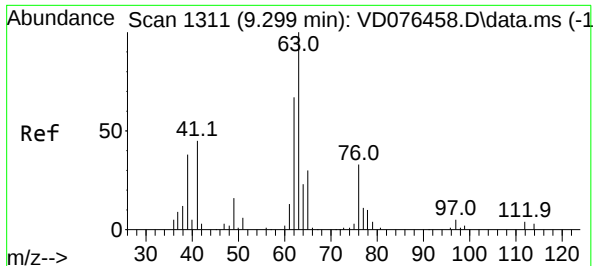
Tgt Ion:130 Resp: 88149

Ion Ratio Lower Upper

130 100

95 95.0 0.0 179.2





#45

1,2-Dichloropropane

Concen: 49.655 ug/l

RT: 9.299 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VD076458.D

Acq: 16 Jun 2023 16:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 9200

Ion Ratio Lower Upper

63 100

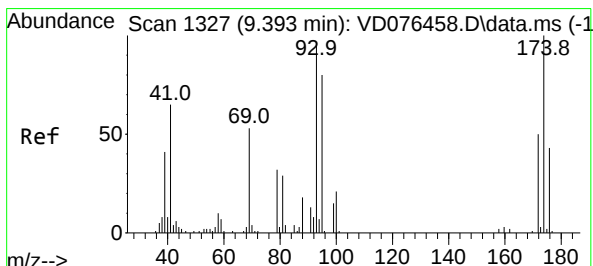
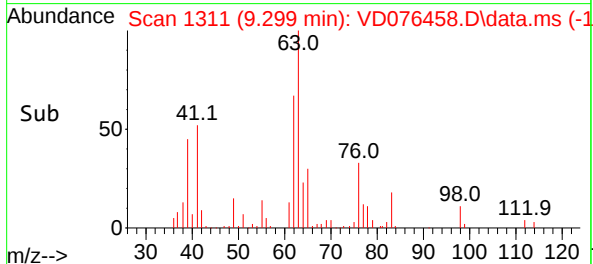
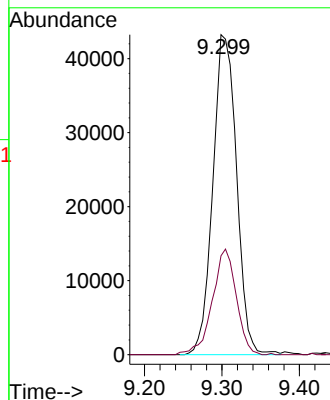
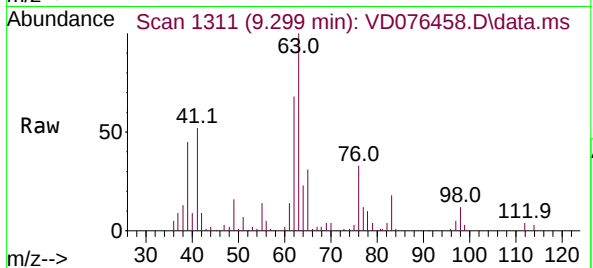
65 30.9 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/19/2023

Supervised By :Mahesh Dadoda 06/19/2023



#46

Dibromomethane

Concen: 50.984 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD076458.D

Acq: 16 Jun 2023 16:34

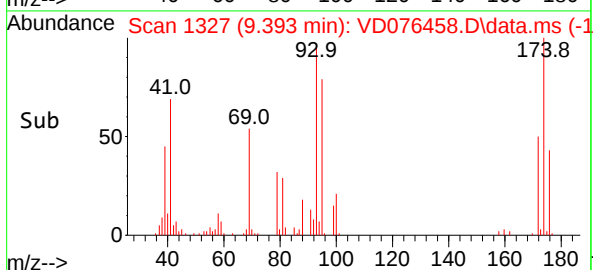
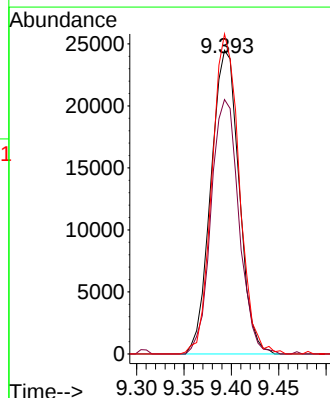
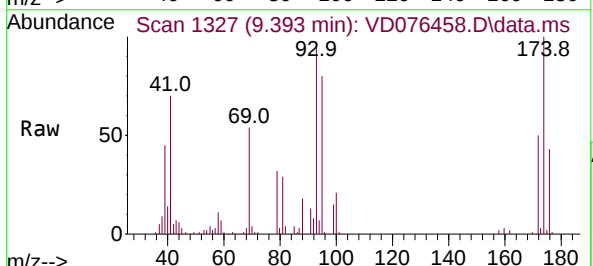
Tgt Ion: 93 Resp: 50607

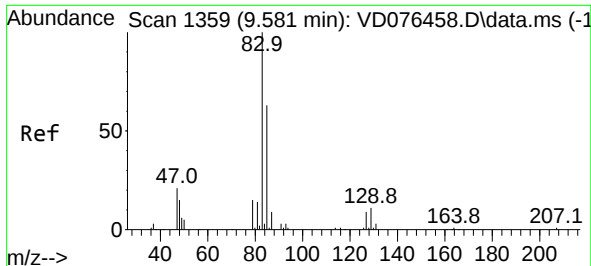
Ion Ratio Lower Upper

93 100

95 82.8 67.7 101.5

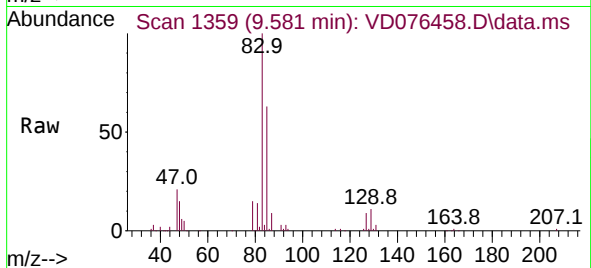
174 101.6 85.4 128.2





#47
Bromodichloromethane
Concen: 49.781 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VD076458.D
Acq: 16 Jun 2023 16:34

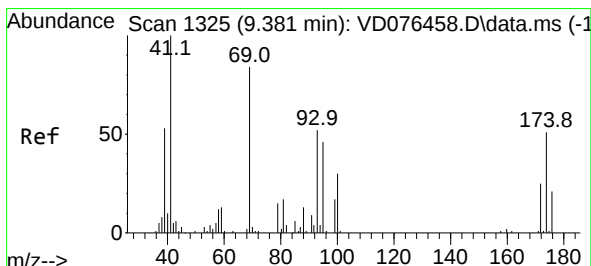
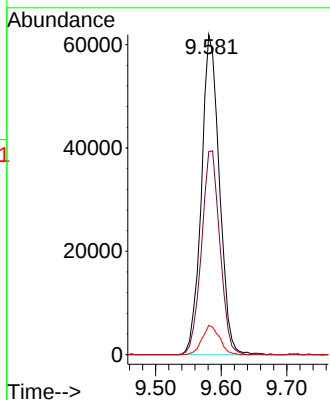
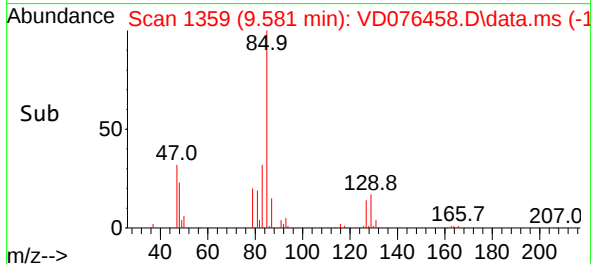
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



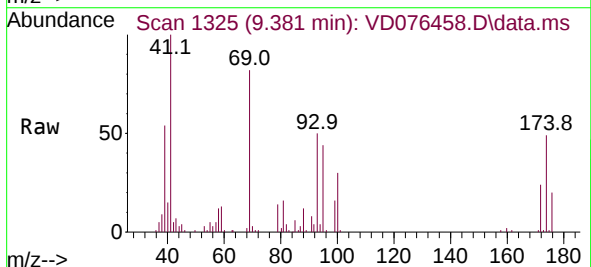
Tgt Ion: 83 Resp: 118248
Ion Ratio Lower Upper
83 100
85 63.5 50.2 75.4
127 9.2 6.3 9.5

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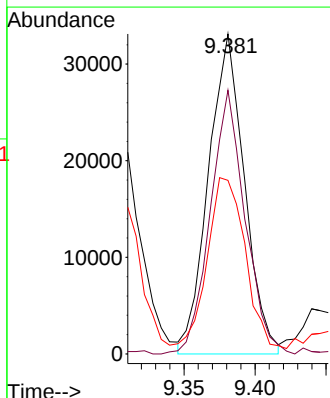
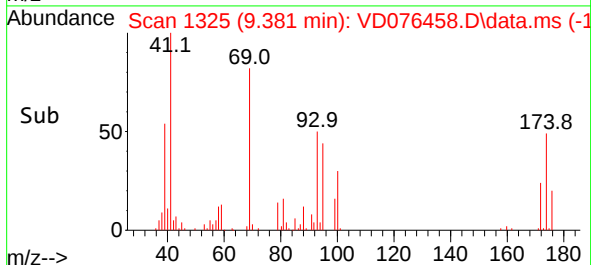
Reviewed By :Krupa Patel 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

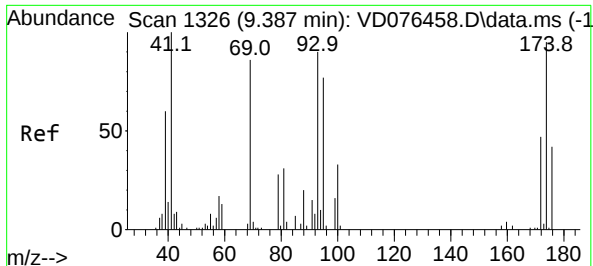


#48
Methyl methacrylate
Concen: 51.714 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD076458.D
Acq: 16 Jun 2023 16:34



Tgt Ion: 41 Resp: 58272
Ion Ratio Lower Upper
41 100
69 79.8 102.2 153.2#
39 59.9 41.4 62.2





#49

1,4-Dioxane

Concen: 985.717 ug/l

RT: 9.387 min Scan# 1326

Delta R.T. 0.000 min

Lab File: VD076458.D

Acq: 16 Jun 2023 16:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion: 88 Resp: 1172

Ion Ratio Lower Upper

88 100

43 41.1 19.0 28.6

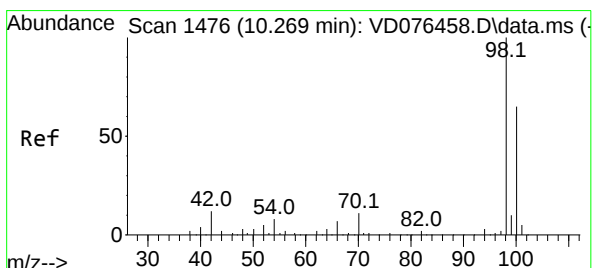
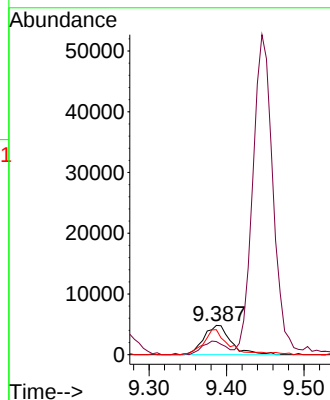
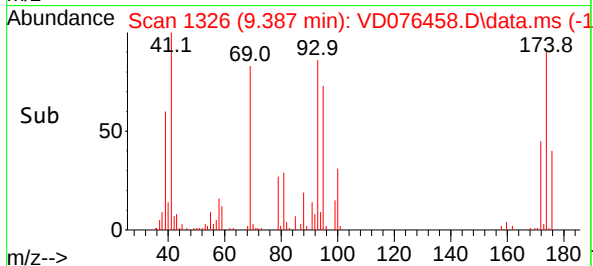
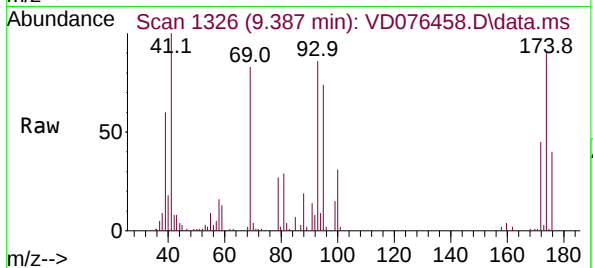
58 81.2 43.5 65.3

Manual Integrations

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Reviewed By :Krupa Patel 06/19/2023

Supervised By :Mahesh Dadoda 06/19/2023



#50

Toluene-d8

Concen: 49.592 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD076458.D

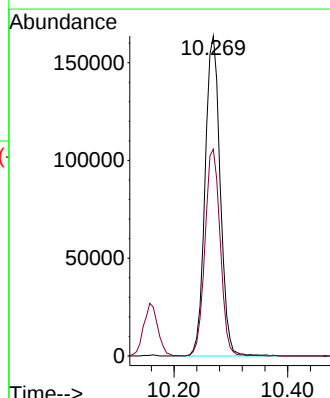
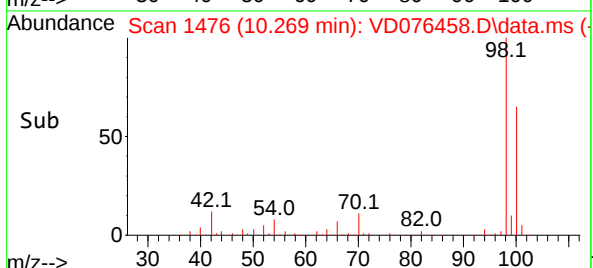
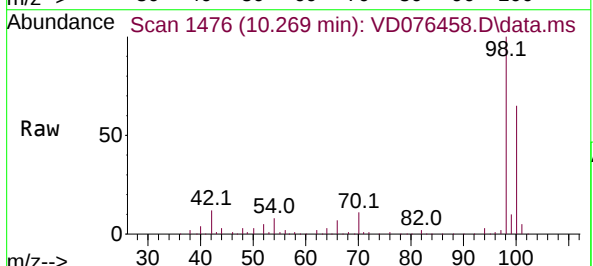
Acq: 16 Jun 2023 16:34

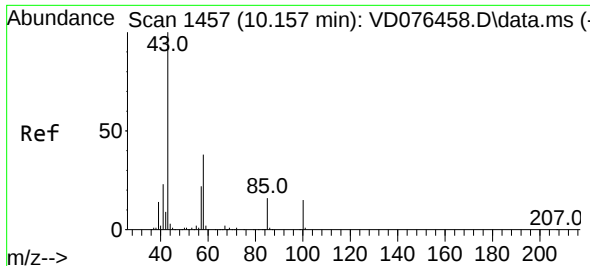
Tgt Ion: 98 Resp: 300975

Ion Ratio Lower Upper

98 100

100 65.2 50.3 75.5





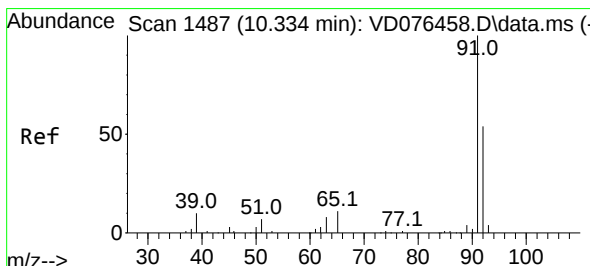
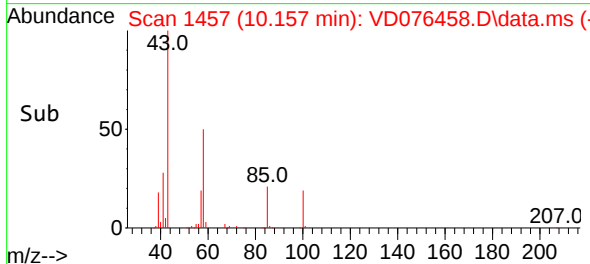
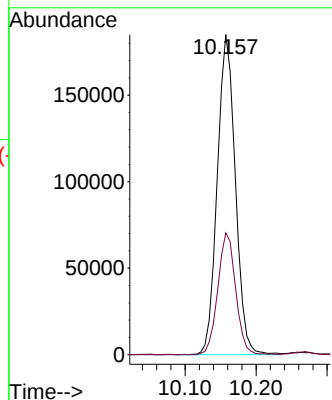
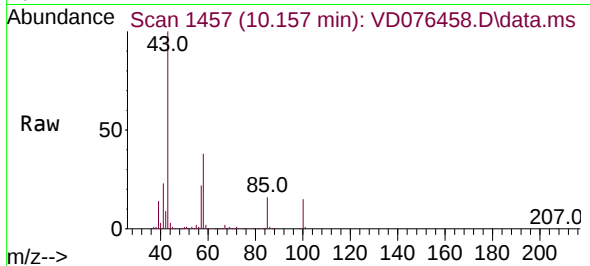
#51
4-Methyl-2-Pentanone
Concen: 259.694 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076458.D
Acq: 16 Jun 2023 16:34

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 326359
Ion Ratio Lower Upper
43 100
58 37.7 38.9 58.3

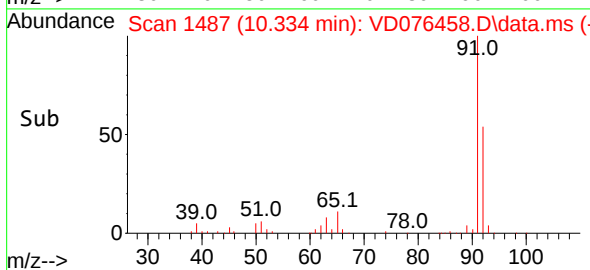
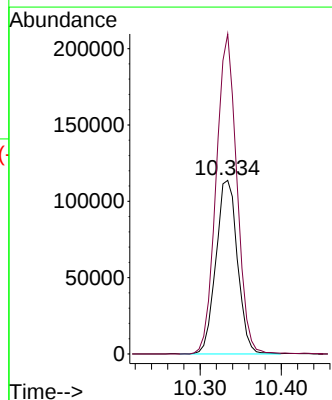
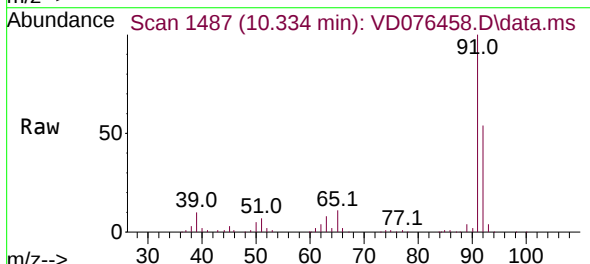
Manual Integrations
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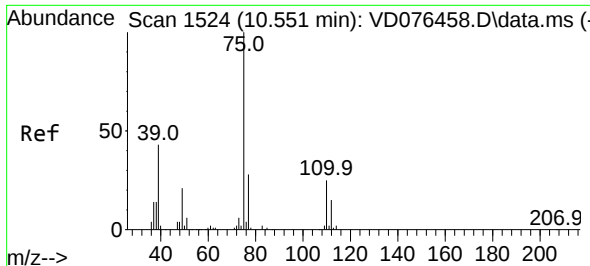
Reviewed By :Krupa Patel 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#52
Toluene
Concen: 48.943 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD076458.D
Acq: 16 Jun 2023 16:34

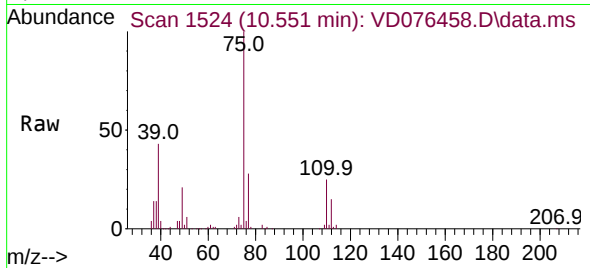
Tgt Ion: 92 Resp: 209893
Ion Ratio Lower Upper
92 100
91 177.0 143.0 214.4





#53
 t-1,3-Dichloropropene
 Concen: 52.157 ug/l
 RT: 10.551 min Scan# 1524
 Delta R.T. 0.000 min
 Lab File: VD076458.D
 Acq: 16 Jun 2023 16:34

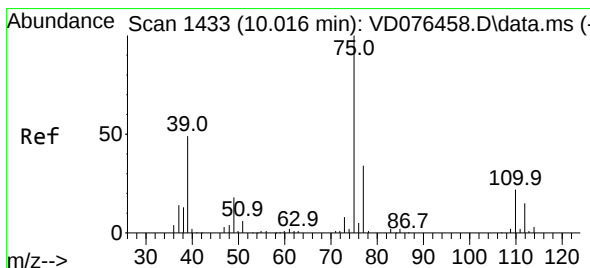
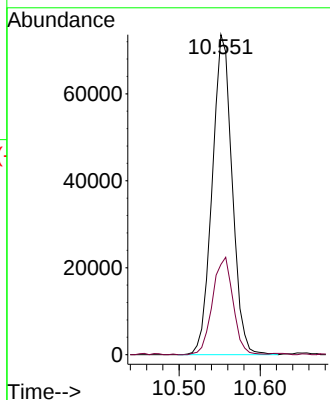
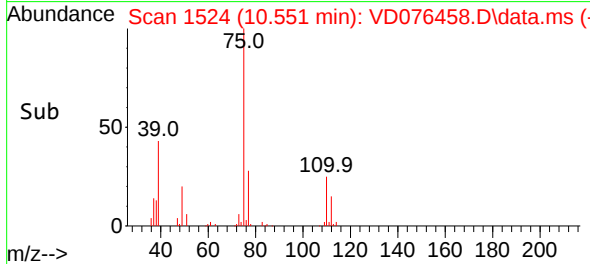
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050



Tgt Ion: 75 Resp: 125710
 Ion Ratio Lower Upper
 75 100
 77 28.2 25.3 37.9

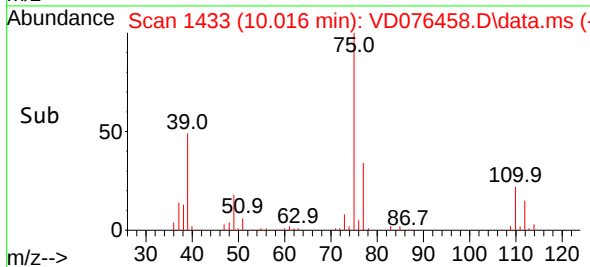
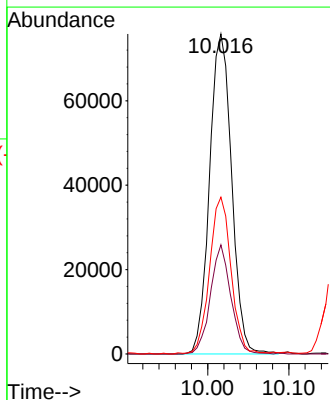
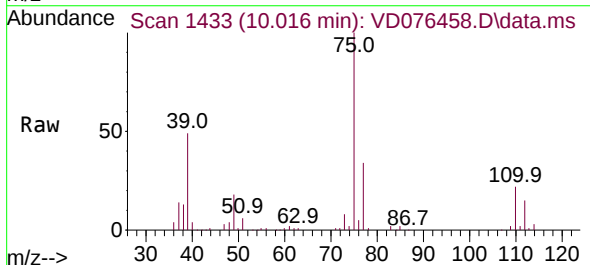
Manual Integrations
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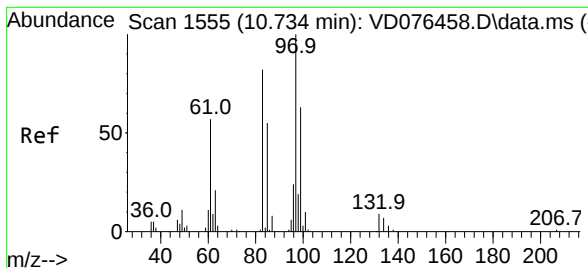
Reviewed By :Krupa Patel 06/19/2023
 Supervised By :Mahesh Dadoda 06/19/2023



#54
 cis-1,3-Dichloropropene
 Concen: 50.189 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD076458.D
 Acq: 16 Jun 2023 16:34

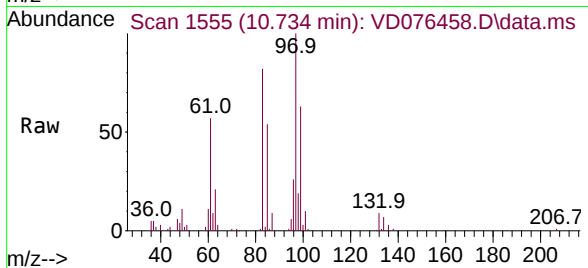
Tgt Ion: 75 Resp: 143423
 Ion Ratio Lower Upper
 75 100
 77 34.1 25.5 38.3
 39 48.7 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 49.939 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD076458.D
Acq: 16 Jun 2023 16:34

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

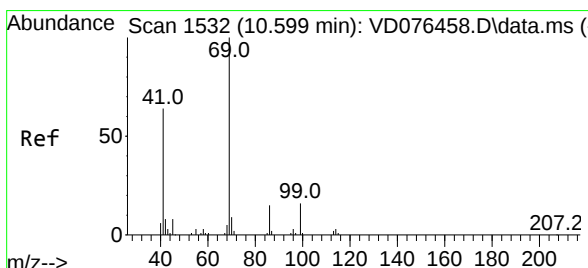
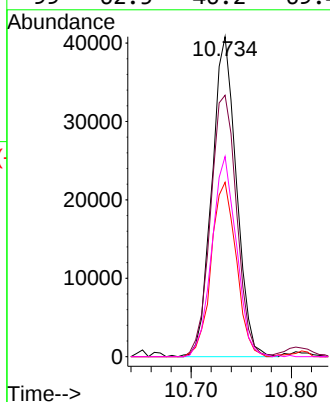
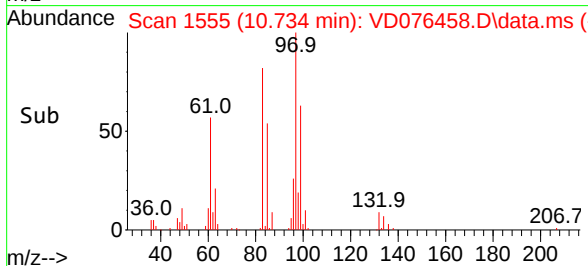


Tgt Ion: 97 Resp: 69338

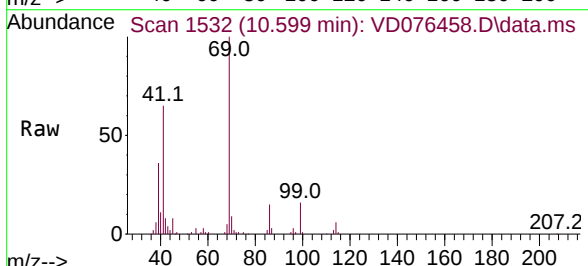
Ion	Ratio	Lower	Upper
97	100		
83	81.7	65.8	98.6
85	54.5	45.7	68.5
99	62.5	46.2	69.4

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

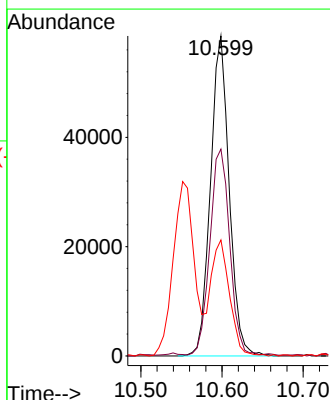
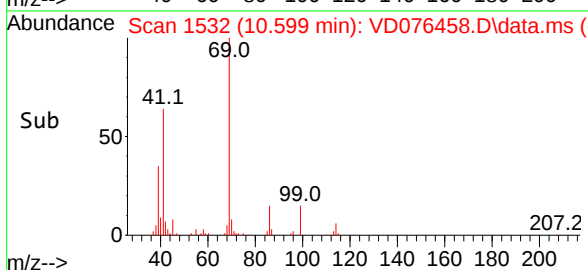


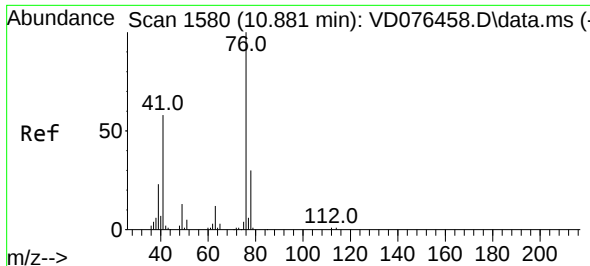
#56
Ethyl methacrylate
Concen: 51.801 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD076458.D
Acq: 16 Jun 2023 16:34



Tgt Ion: 69 Resp: 93911

Ion	Ratio	Lower	Upper
69	100		
41	67.7	39.1	58.7#
39	37.2	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 50.255 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD076458.D

Acq: 16 Jun 2023 16:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 11946

Ion Ratio Lower Upper

76 100

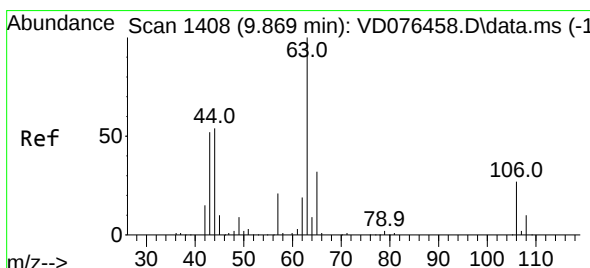
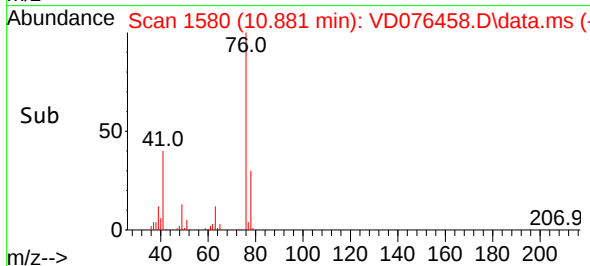
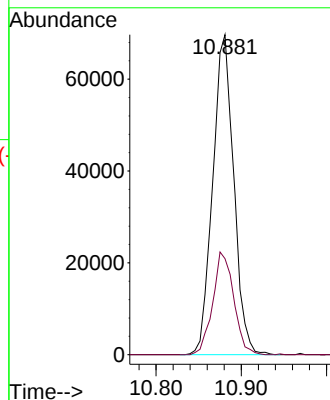
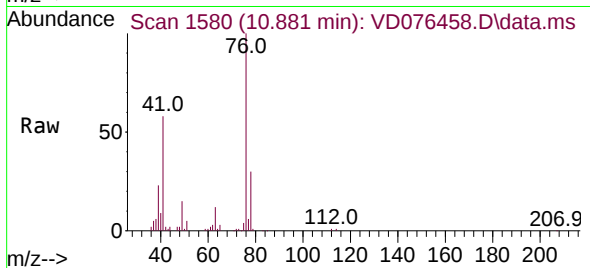
78 32.0 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/19/2023

Supervised By :Mahesh Dadoda 06/19/2023



#58

2-Chloroethyl Vinyl ether

Concen: 243.238 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD076458.D

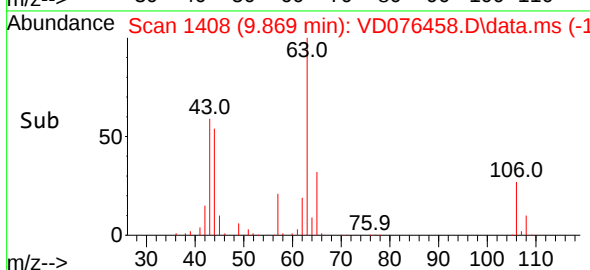
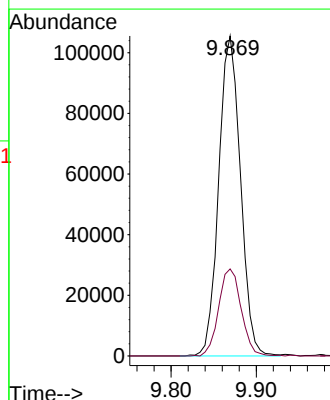
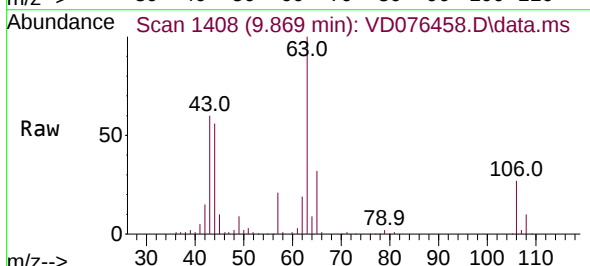
Acq: 16 Jun 2023 16:34

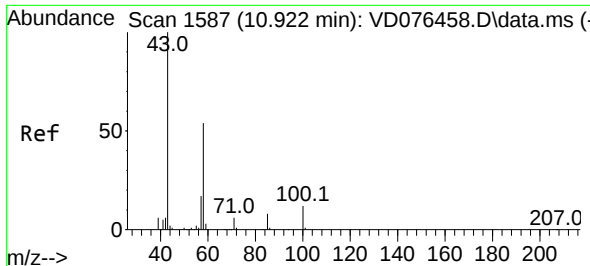
Tgt Ion: 63 Resp: 186953

Ion Ratio Lower Upper

63 100

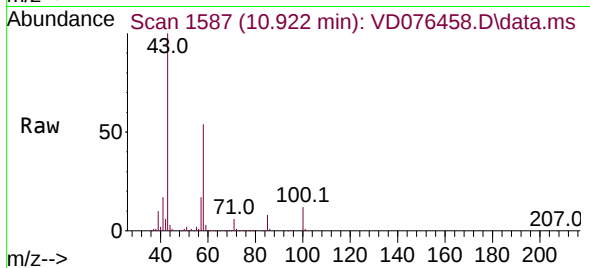
106 28.1 25.3 37.9





#59
2-Hexanone
Concen: 261.208 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD076458.D
Acq: 16 Jun 2023 16:34

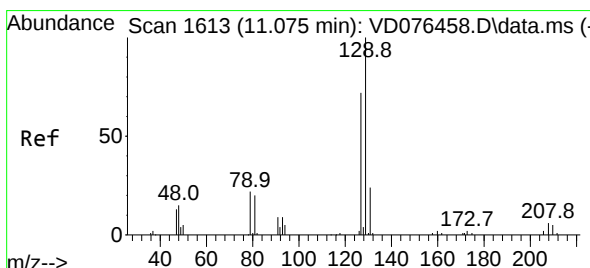
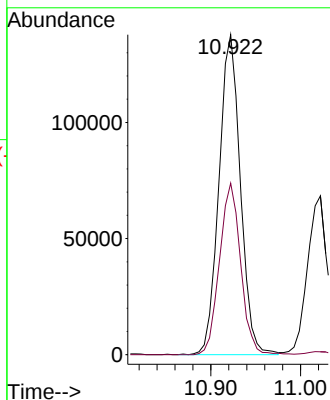
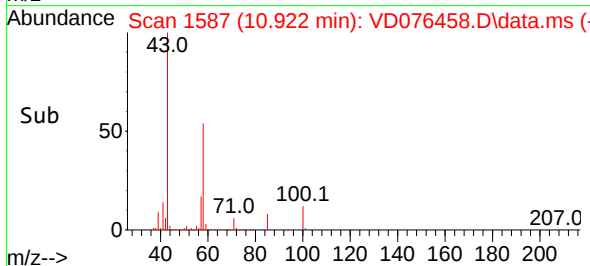
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 228340
Ion Ratio Lower Upper
43 100
58 52.9 34.1 102.2

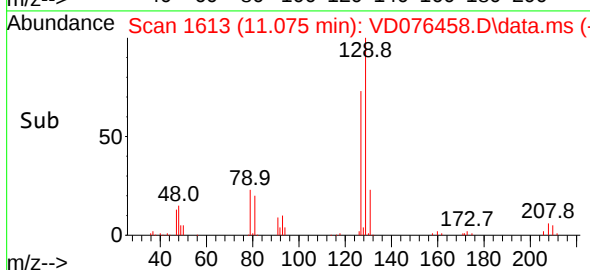
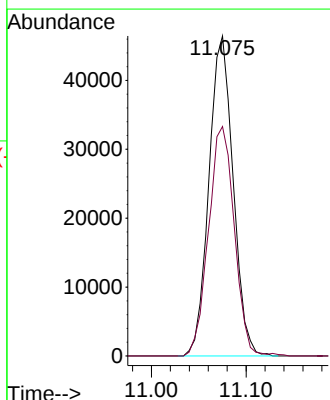
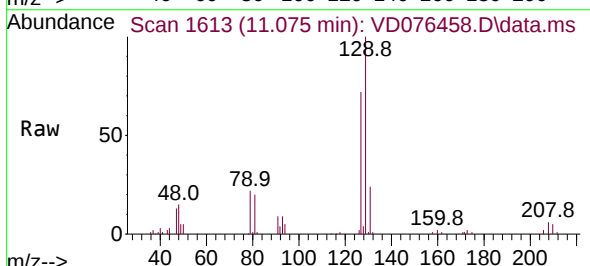
Manual Integrations
APPROVED

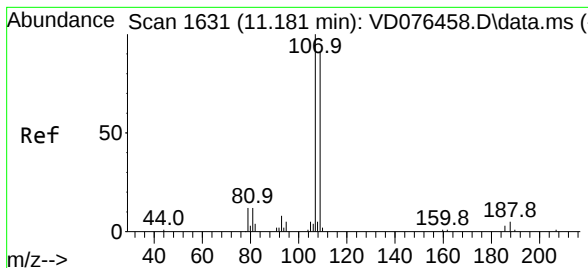
Reviewed By :Krupa Patel 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#60
Dibromochloromethane
Concen: 50.900 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD076458.D
Acq: 16 Jun 2023 16:34

Tgt Ion:129 Resp: 82247
Ion Ratio Lower Upper
129 100
127 76.7 37.1 111.5





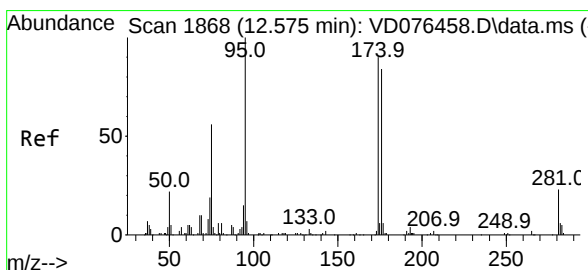
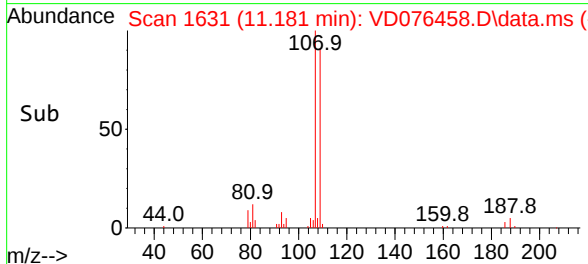
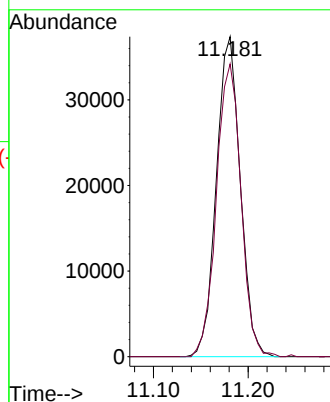
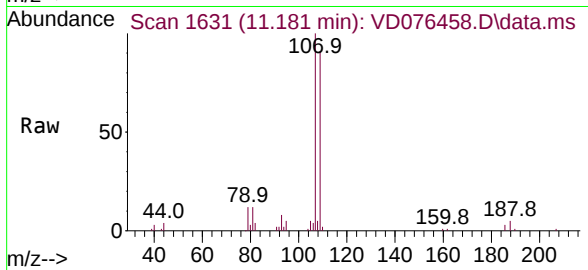
#61
1,2-Dibromoethane
Concen: 50.373 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD076458.D
Acq: 16 Jun 2023 16:34

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion:107 Resp: 6565
Ion Ratio Lower Upper
107 100
109 94.0 75.6 113.4

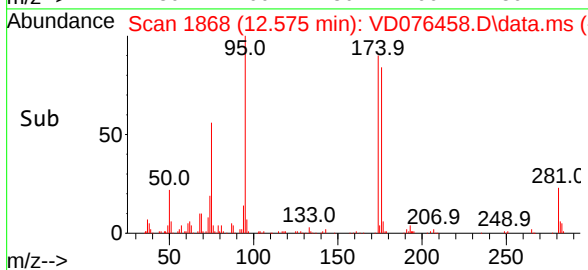
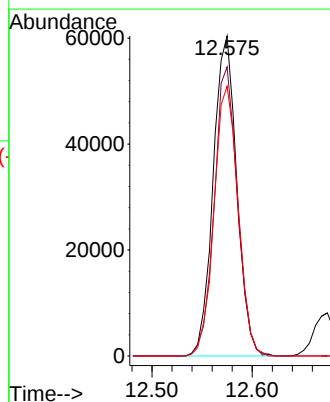
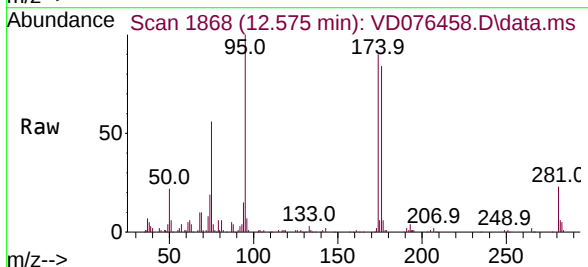
Manual Integrations
APPROVED

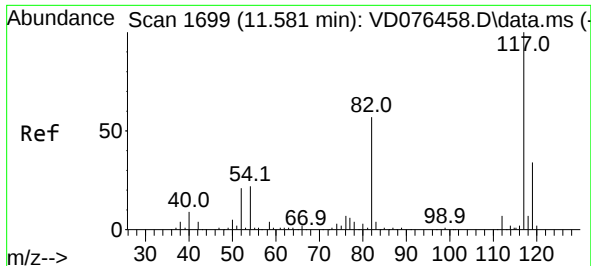
Reviewed By :Krupa Patel 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#62
4-Bromofluorobenzene
Concen: 50.018 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD076458.D
Acq: 16 Jun 2023 16:34

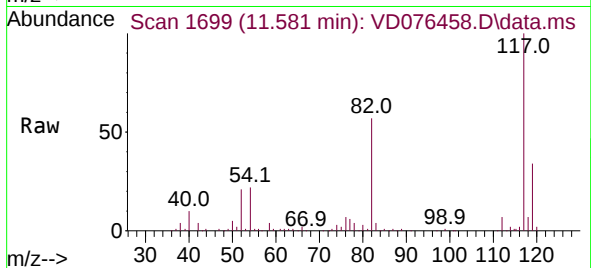
Tgt Ion: 95 Resp: 98519
Ion Ratio Lower Upper
95 100
174 88.7 0.0 201.8
176 86.1 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD076458.D
Acq: 16 Jun 2023 16:34

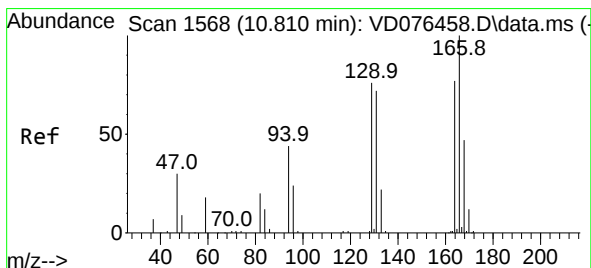
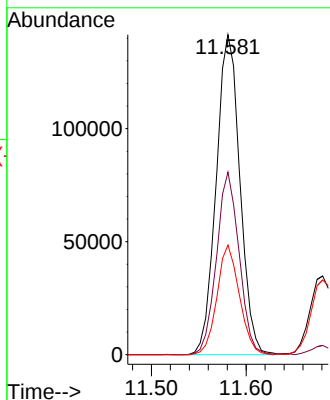
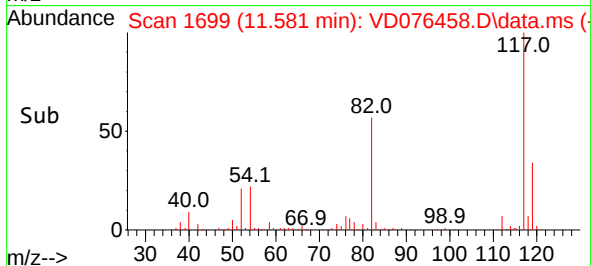
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion:117 Resp: 24686
Ion Ratio Lower Upper
117 100
82 57.1 38.3 57.5
119 34.2 25.0 37.4

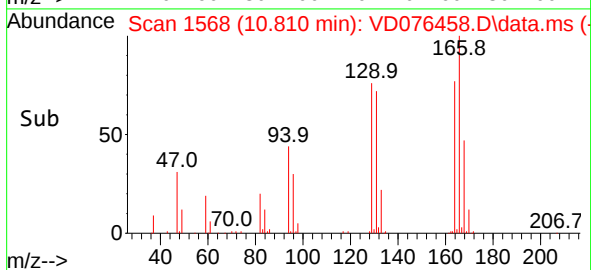
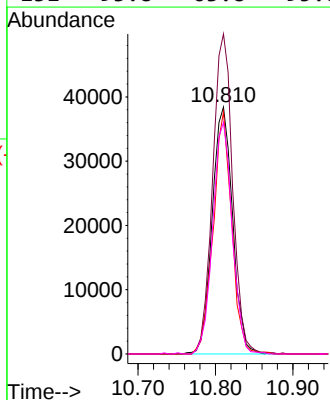
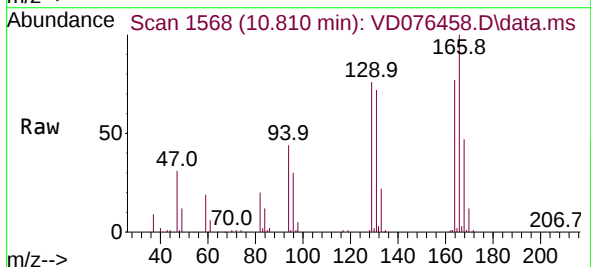
Manual Integrations
APPROVED

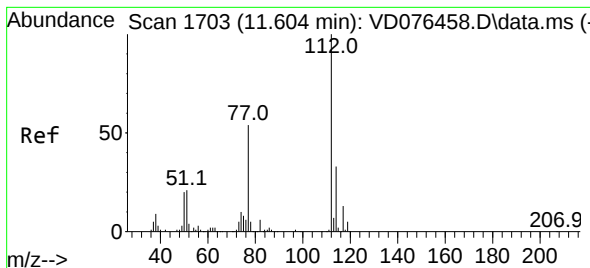
Reviewed By :Krupa Patel 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#64
Tetrachloroethene
Concen: 47.438 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076458.D
Acq: 16 Jun 2023 16:34

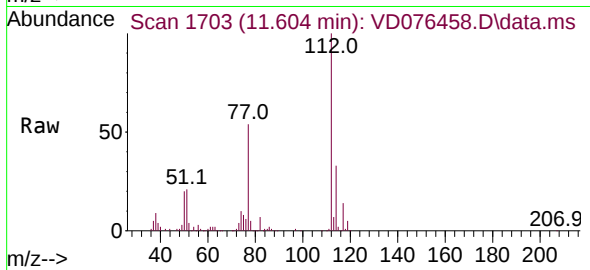
Tgt Ion:164 Resp: 70295
Ion Ratio Lower Upper
164 100
166 129.6 99.2 148.8
129 98.0 68.4 102.6
131 93.8 63.8 95.8





#65
Chlorobenzene
Concen: 49.904 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD076458.D
Acq: 16 Jun 2023 16:34

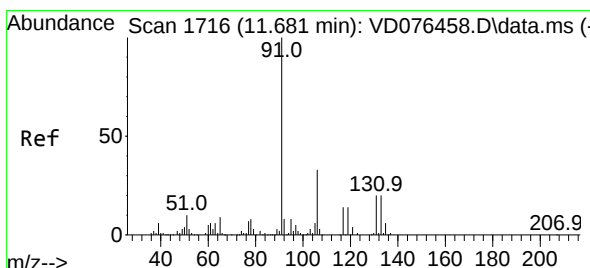
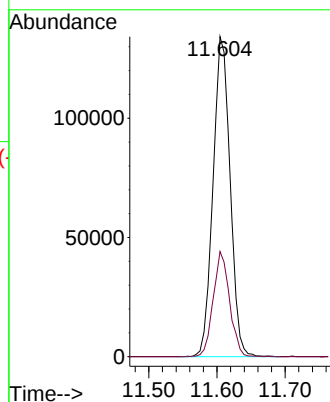
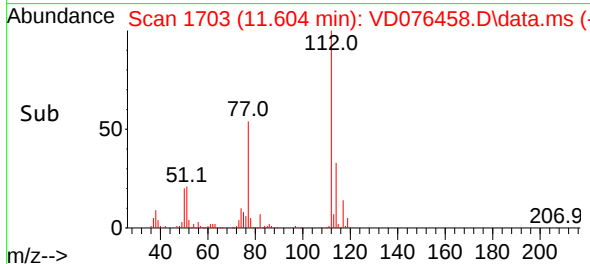
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



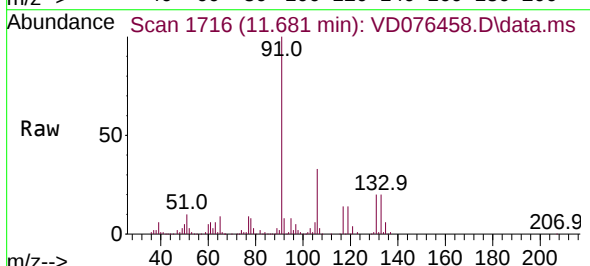
Tgt Ion:112 Resp: 23404
Ion Ratio Lower Upper
112 100
114 32.9 25.1 37.7

Manual Integrations
APPROVED

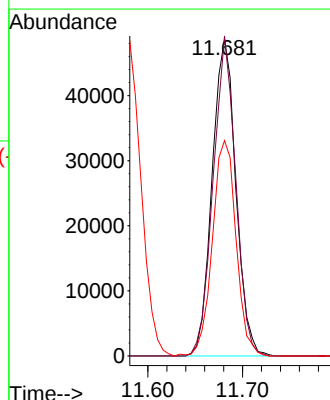
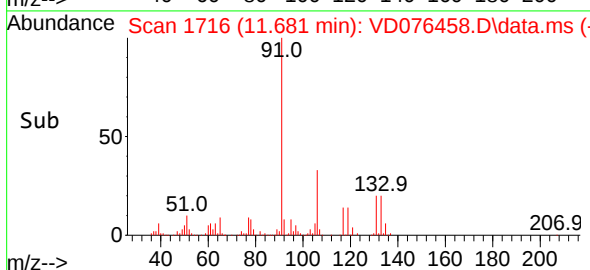
Reviewed By :Krupa Patel 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

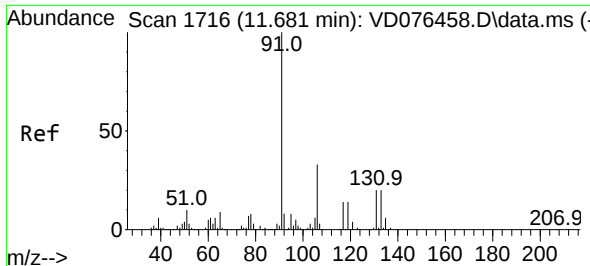


#66
1,1,1,2-Tetrachloroethane
Concen: 50.369 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD076458.D
Acq: 16 Jun 2023 16:34



Tgt Ion:131 Resp: 84482
Ion Ratio Lower Upper
131 100
133 95.9 48.5 145.5
119 67.9 35.6 106.9





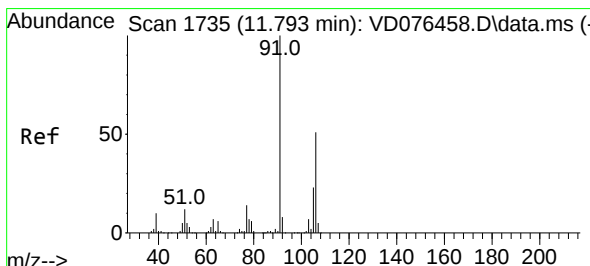
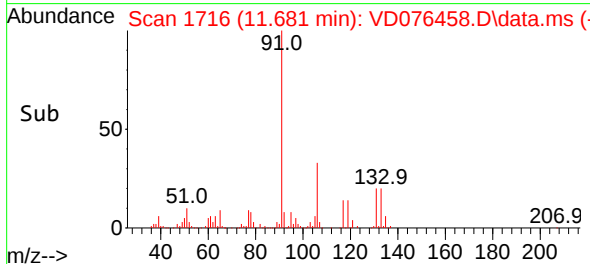
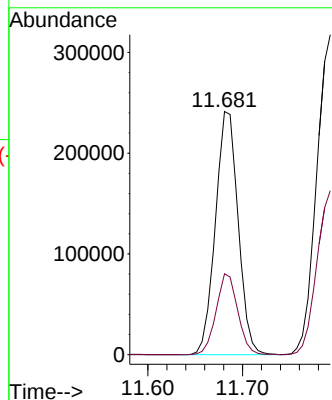
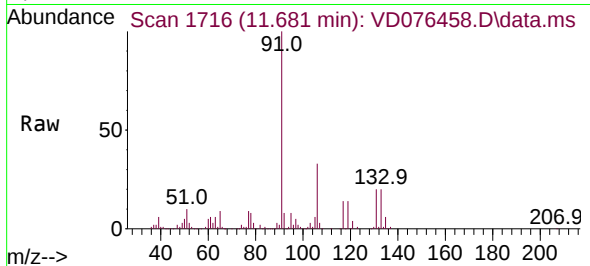
#67
Ethyl Benzene
Concen: 48.491 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD076458.D
Acq: 16 Jun 2023 16:34

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 40296
Ion Ratio Lower Upper
91 100
106 33.3 26.5 39.7

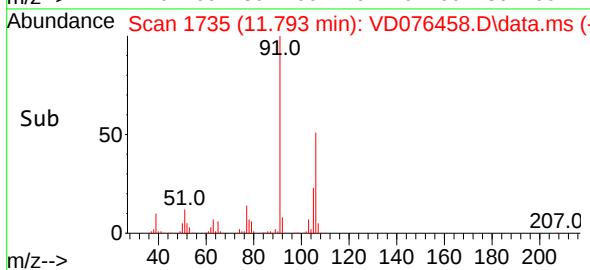
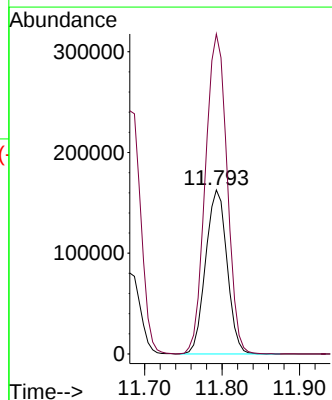
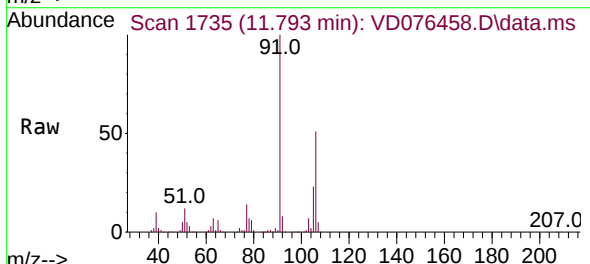
Manual Integrations
APPROVED

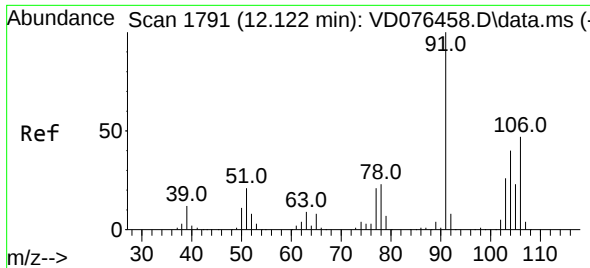
Reviewed By :Krupa Patel 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#68
m/p-Xylenes
Concen: 96.528 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD076458.D
Acq: 16 Jun 2023 16:34

Tgt Ion:106 Resp: 313131
Ion Ratio Lower Upper
106 100
91 197.7 147.0 220.6





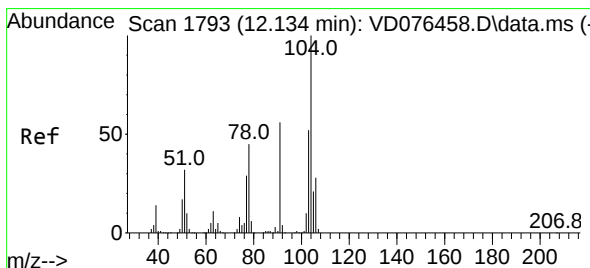
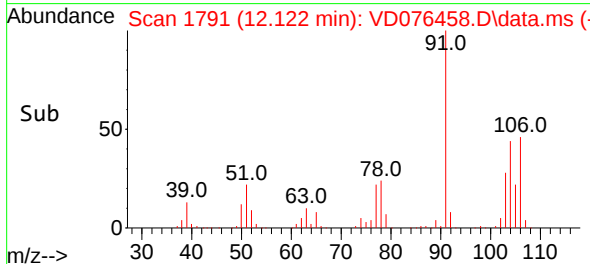
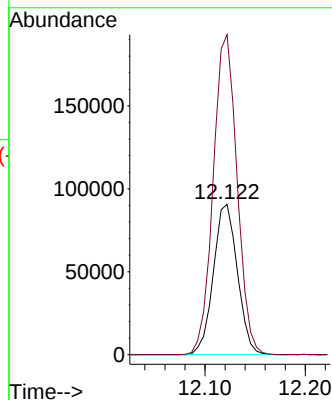
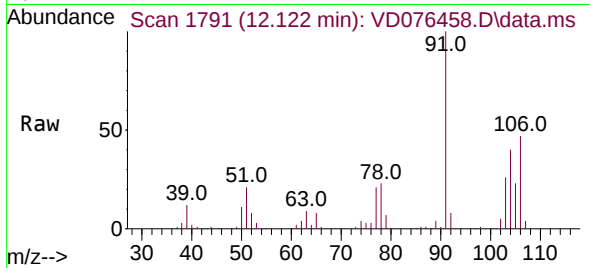
#69
o-Xylene
Concen: 48.890 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD076458.D
Acq: 16 Jun 2023 16:34

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 15097
Ion Ratio Lower Upper
106 100
91 211.4 97.9 293.6

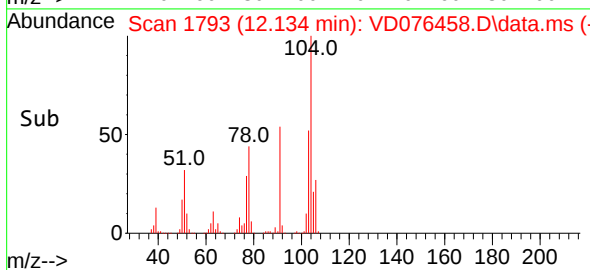
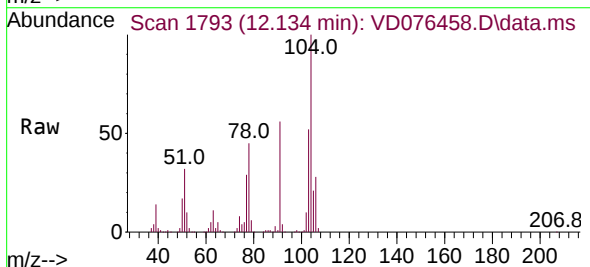
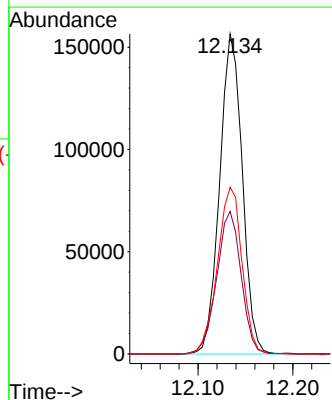
Manual Integrations
APPROVED

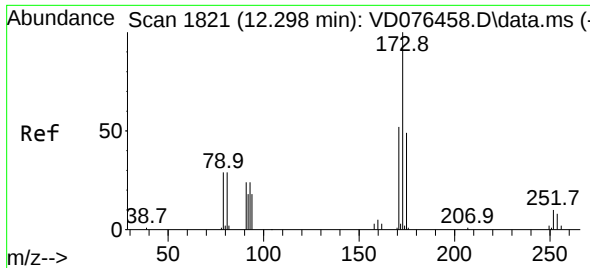
Reviewed By :Krupa Patel 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#70
Styrene
Concen: 48.749 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD076458.D
Acq: 16 Jun 2023 16:34

Tgt Ion:104 Resp: 260035
Ion Ratio Lower Upper
104 100
78 48.0 33.2 49.8
103 56.7 43.6 65.4





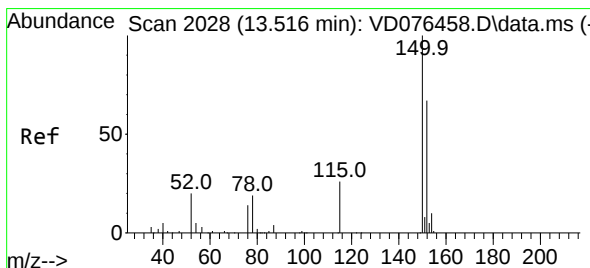
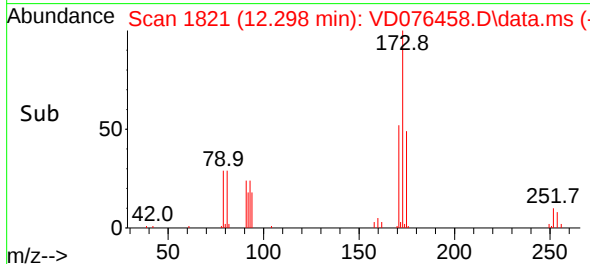
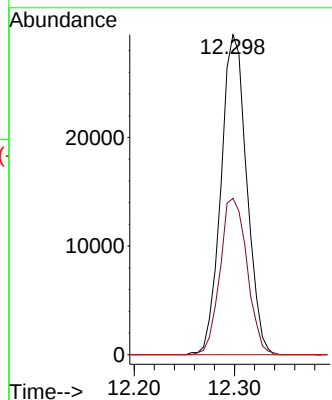
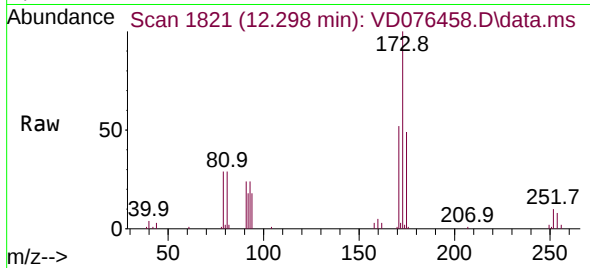
#71
Bromoform
Concen: 52.026 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD076458.D
Acq: 16 Jun 2023 16:34

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion:173 Resp: 5239
Ion Ratio Lower Upper
173 100
175 51.3 24.6 73.8
254 0.0 0.0 0.0

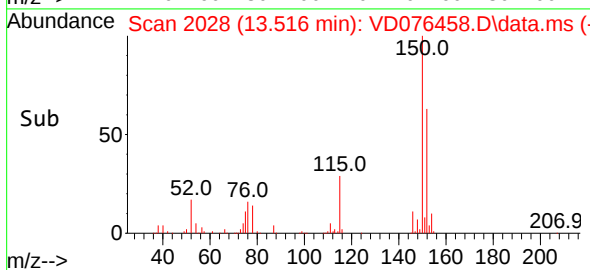
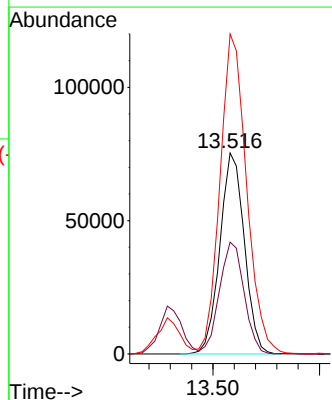
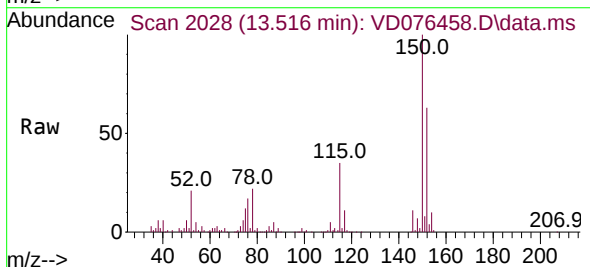
Manual Integrations
APPROVED

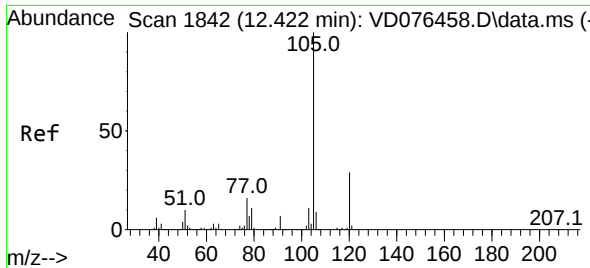
Reviewed By :Krupa Patel 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD076458.D
Acq: 16 Jun 2023 16:34

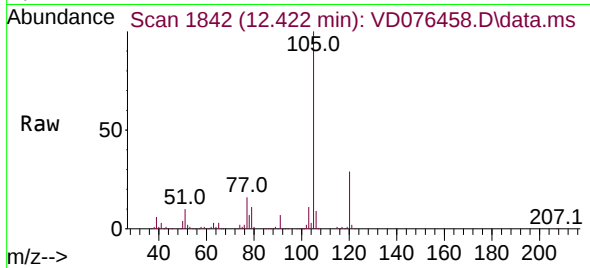
Tgt Ion:152 Resp: 120147
Ion Ratio Lower Upper
152 100
115 56.0 27.1 81.3
150 173.0 0.0 353.6





#73
Isopropylbenzene
Concen: 47.124 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD076458.D
Acq: 16 Jun 2023 16:34

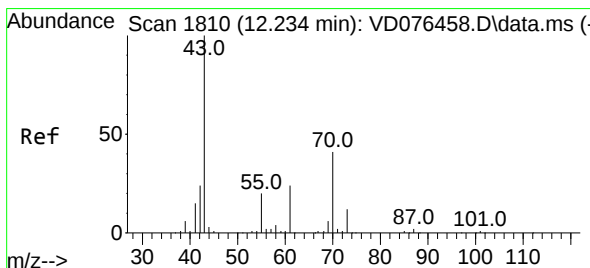
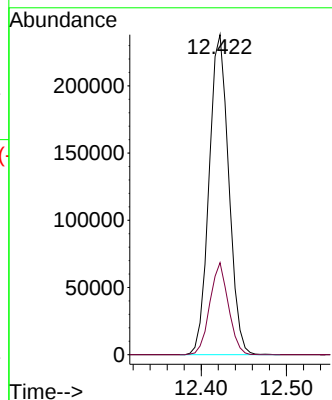
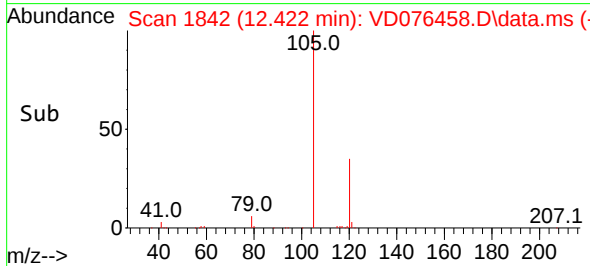
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion: 105 Resp: 381198
Ion Ratio Lower Upper
105 100
120 27.1 14.3 42.9

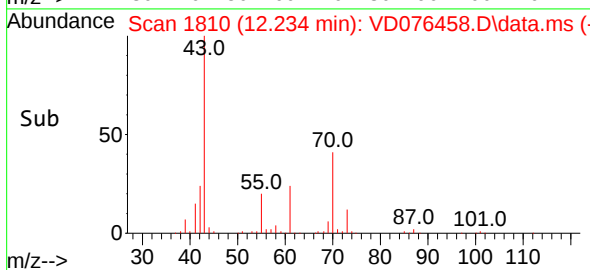
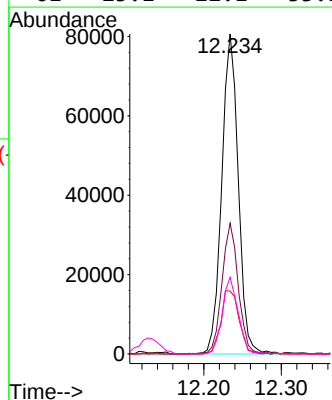
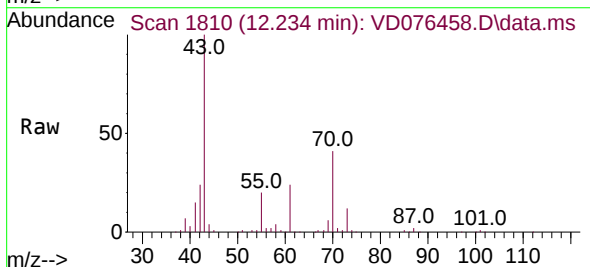
Manual Integrations
APPROVED

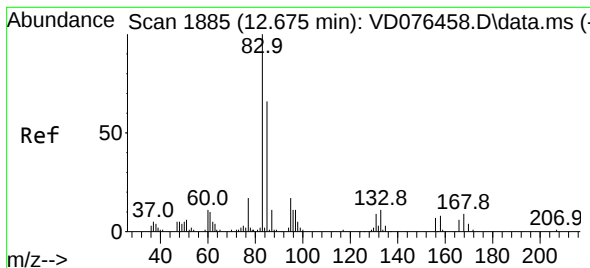
Reviewed By :Krupa Patel 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#74
N-ethyl acetate
Concen: 50.454 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD076458.D
Acq: 16 Jun 2023 16:34

Tgt Ion: 43 Resp: 119482
Ion Ratio Lower Upper
43 100
70 40.4 45.0 67.4#
55 21.6 23.8 35.6#
61 23.1 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 50.793 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD076458.D

Acq: 16 Jun 2023 16:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

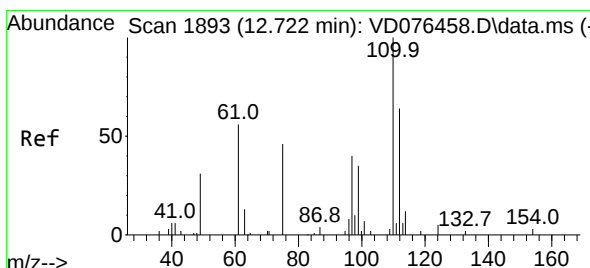
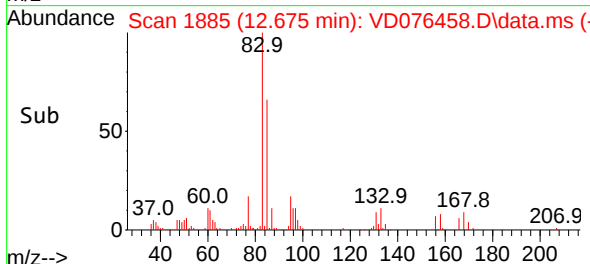
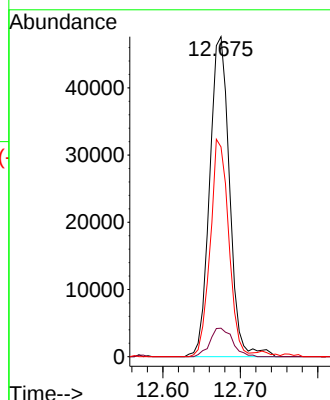
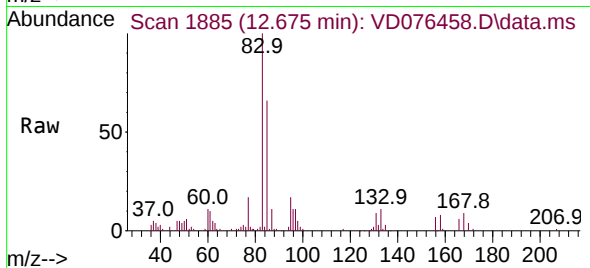
Tgt Ion:	83	Resp:	8478
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.1	15.3
85	63.2	32.6	97.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/19/2023

Supervised By :Mahesh Dadoda 06/19/2023



#76

1,2,3-Trichloropropane

Concen: 45.982 ug/l m

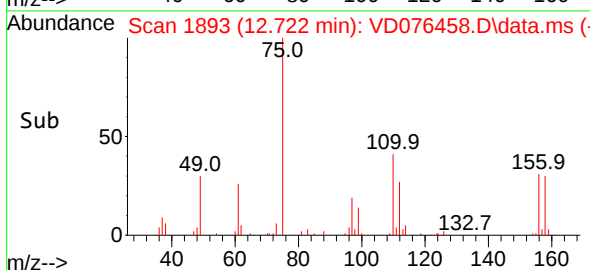
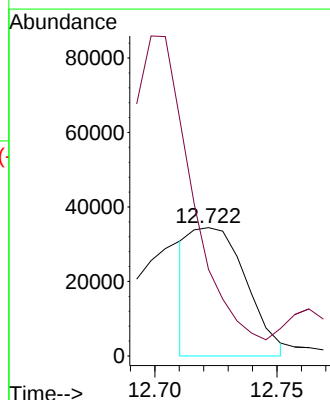
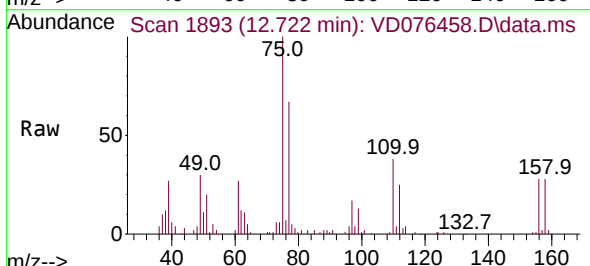
RT: 12.722 min Scan# 1893

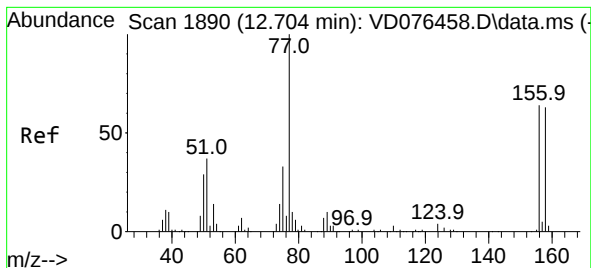
Delta R.T. 0.000 min

Lab File: VD076458.D

Acq: 16 Jun 2023 16:34

Tgt Ion:	75	Resp:	55094
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 47.912 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VD076458.D

Acq: 16 Jun 2023 16:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

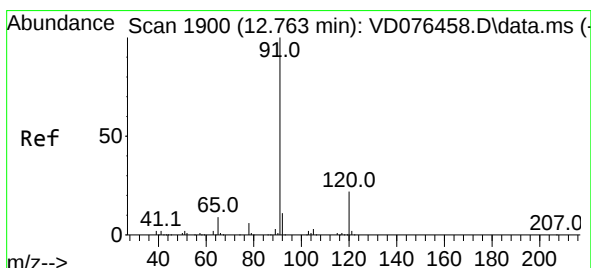
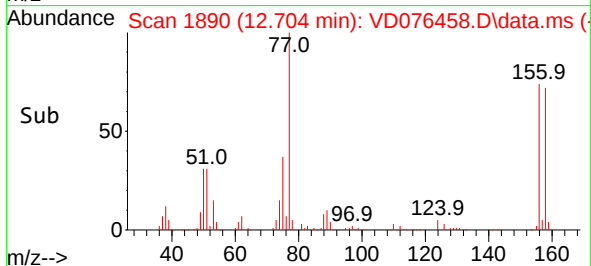
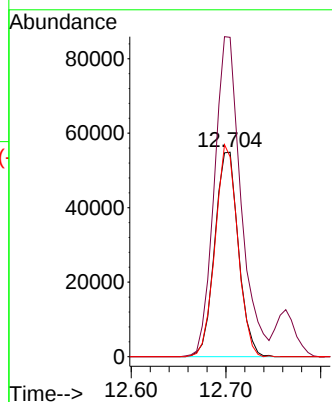
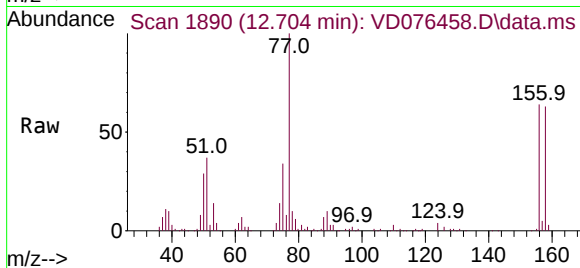
Tgt Ion:	156	Resp:	95618
Ion Ratio	Lower	Upper	
156	100		
77	175.5	76.8	230.4
158	98.7	48.6	145.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/19/2023

Supervised By :Mahesh Dadoda 06/19/2023



#78

n-propylbenzene

Concen: 46.845 ug/l

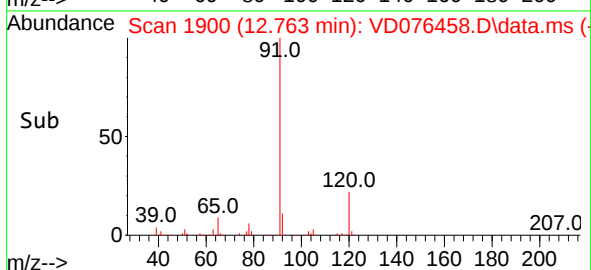
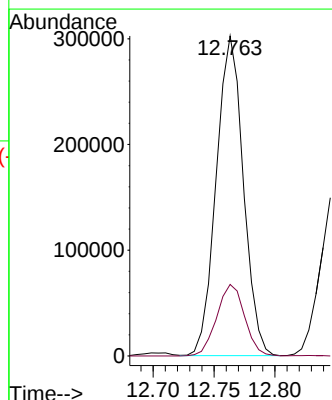
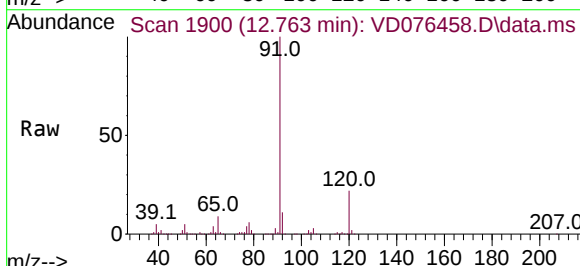
RT: 12.763 min Scan# 1900

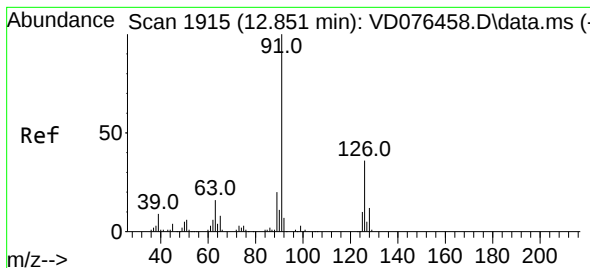
Delta R.T. 0.000 min

Lab File: VD076458.D

Acq: 16 Jun 2023 16:34

Tgt Ion:	91	Resp:	467894
Ion Ratio	Lower	Upper	
91	100		
120	23.0	12.4	37.2





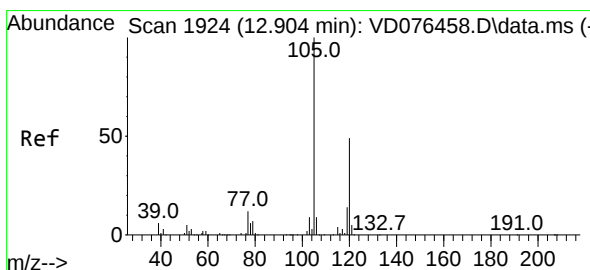
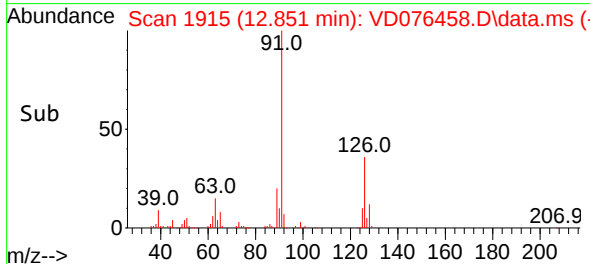
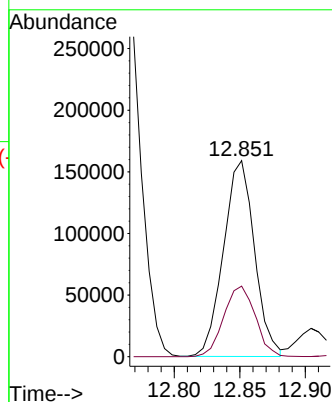
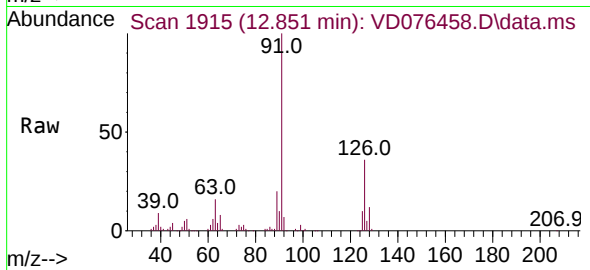
#79
2-Chlorotoluene
Concen: 47.738 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD076458.D
Acq: 16 Jun 2023 16:34

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 261833
Ion Ratio Lower Upper
91 100
126 36.7 19.4 58.1

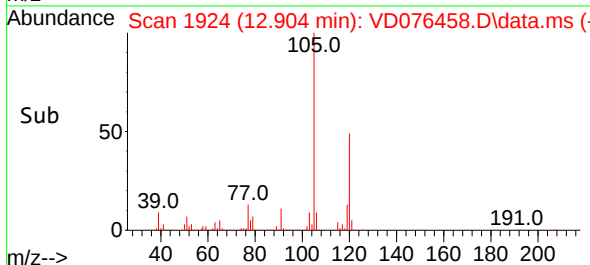
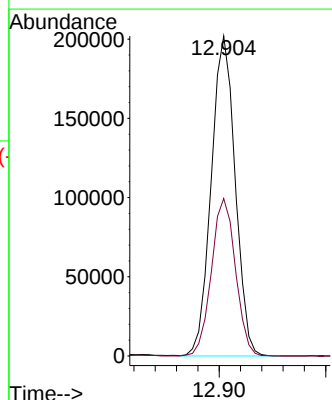
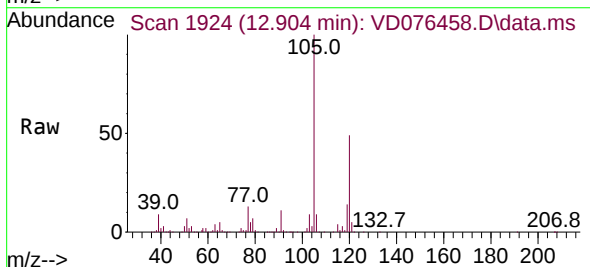
Manual Integrations
APPROVED

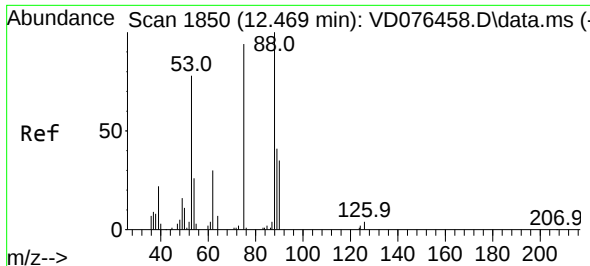
Reviewed By :Krupa Patel 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#80
1,3,5-Trimethylbenzene
Concen: 47.670 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076458.D
Acq: 16 Jun 2023 16:34

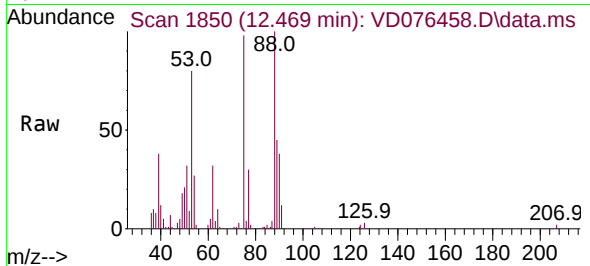
Tgt Ion:105 Resp: 314909
Ion Ratio Lower Upper
105 100
120 49.3 26.4 79.2





#81
trans-1,4-Dichloro-2-butene
Concen: 51.424 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD076458.D
Acq: 16 Jun 2023 16:34

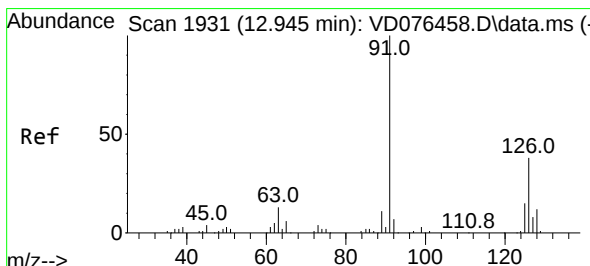
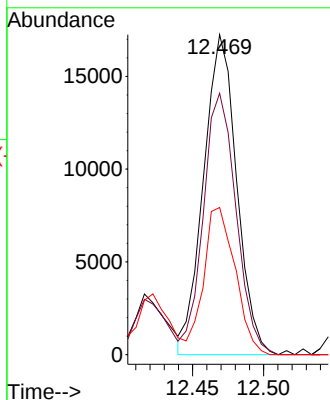
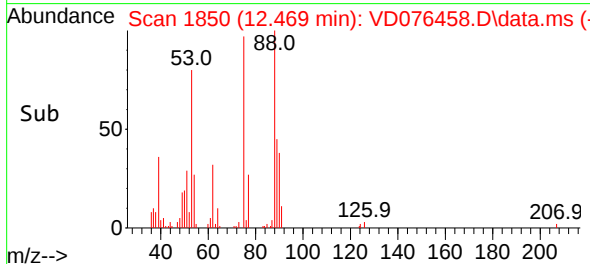
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



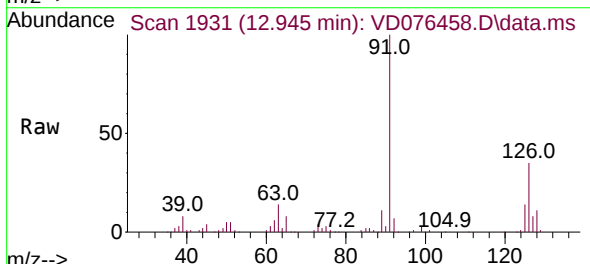
Tgt Ion: 75 Resp: 27984
Ion Ratio Lower Upper
75 100
53 81.1 63.0 94.4
89 43.5 37.9 56.9

Manual Integrations
APPROVED

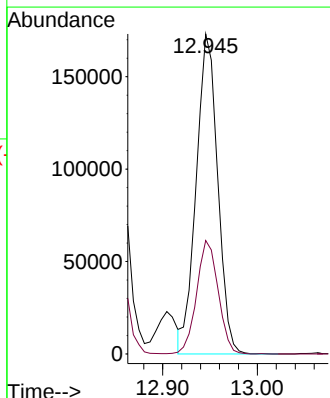
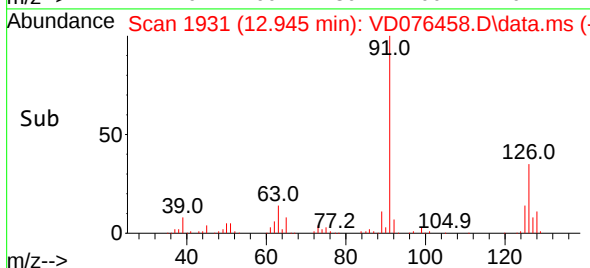
Reviewed By :Krupa Patel 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

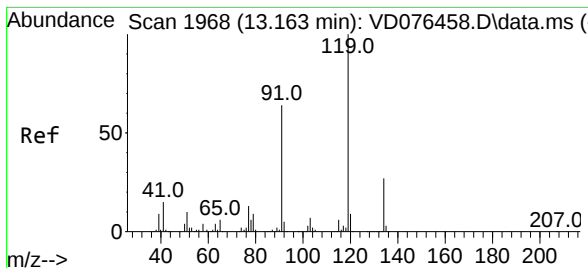


#82
4-Chlorotoluene
Concen: 47.908 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD076458.D
Acq: 16 Jun 2023 16:34



Tgt Ion: 91 Resp: 272885
Ion Ratio Lower Upper
91 100
126 35.6 19.4 58.4





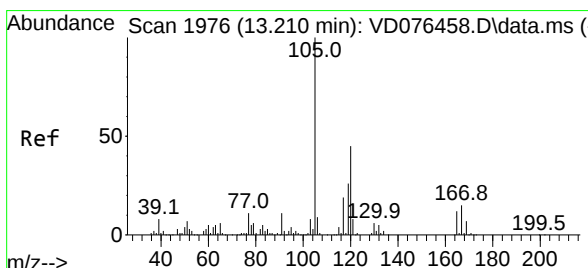
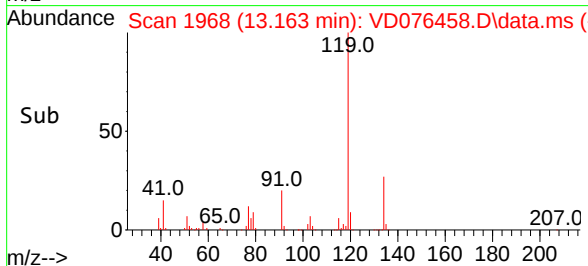
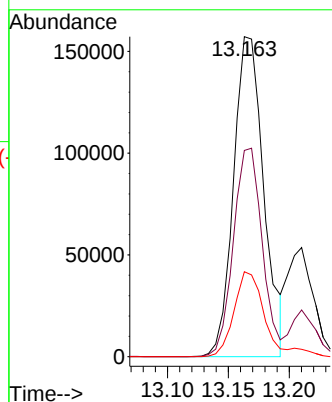
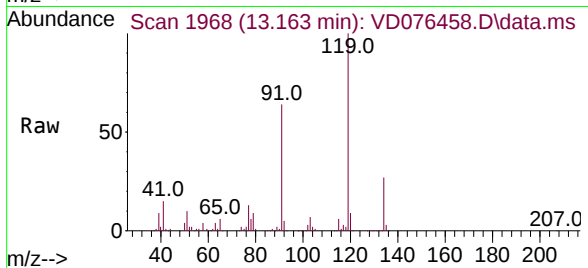
#83
tert-Butylbenzene
Concen: 46.391 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. 0.000 min
Lab File: VD076458.D
Acq: 16 Jun 2023 16:34

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion:119 Resp: 272304
Ion Ratio Lower Upper
119 100
91 62.2 29.3 87.8
134 27.3 14.1 42.3

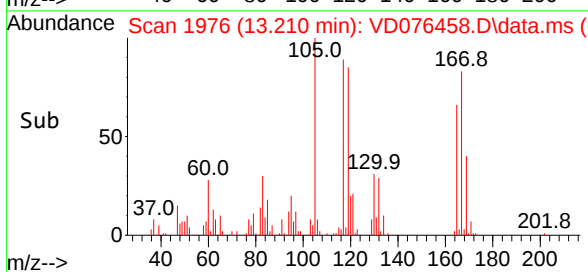
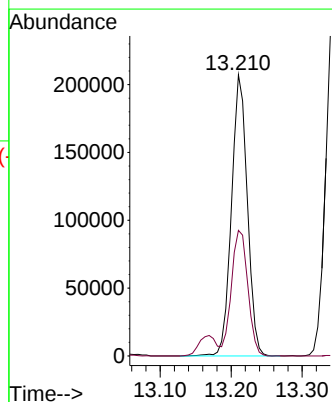
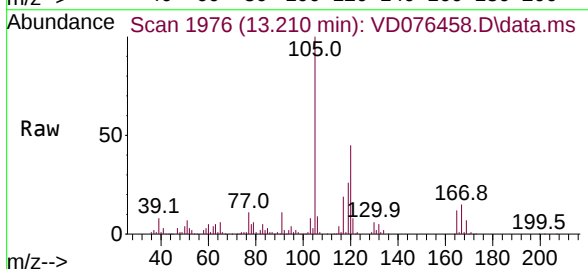
Manual Integrations
APPROVED

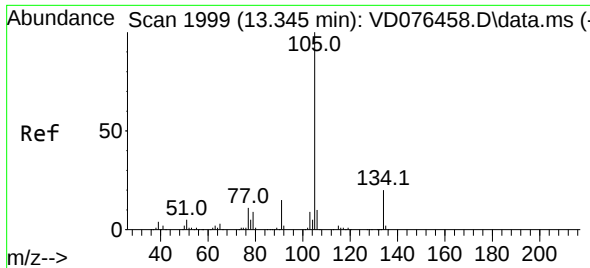
Reviewed By :Krupa Patel 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#84
1,2,4-Trimethylbenzene
Concen: 48.234 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD076458.D
Acq: 16 Jun 2023 16:34

Tgt Ion:105 Resp: 321103
Ion Ratio Lower Upper
105 100
120 46.0 24.3 72.9





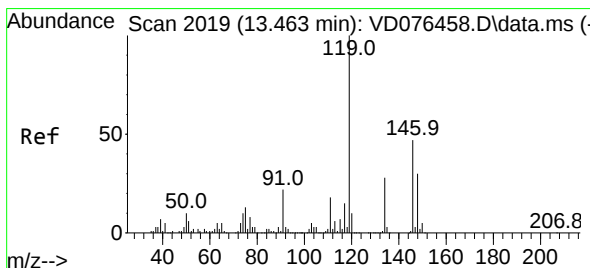
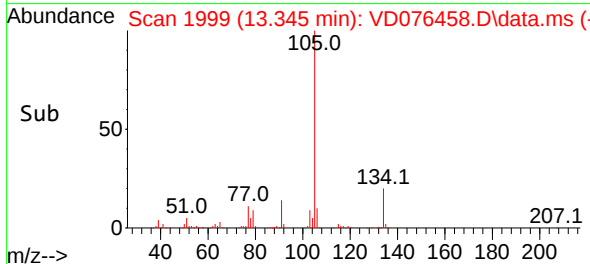
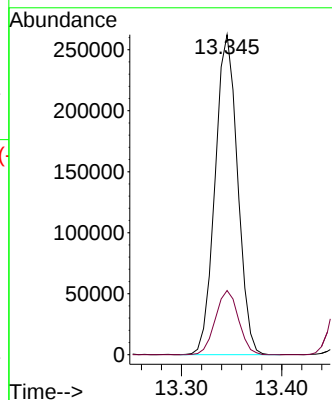
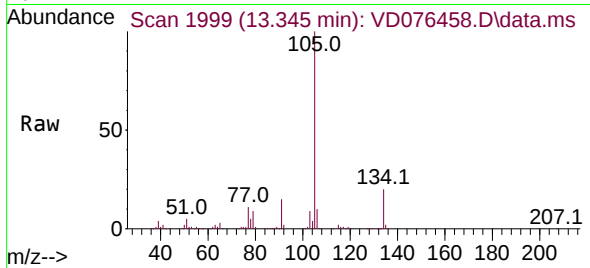
#85
 sec-Butylbenzene
 Concen: 46.868 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD076458.D
 Acq: 16 Jun 2023 16:34

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tgt Ion:105 Resp: 40824
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.9 32.9

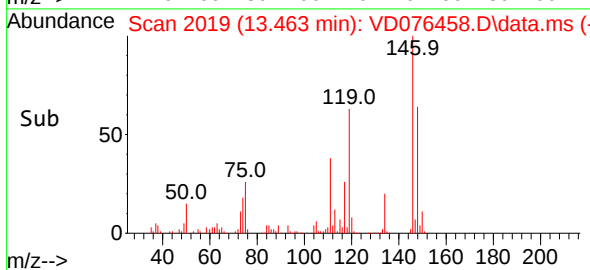
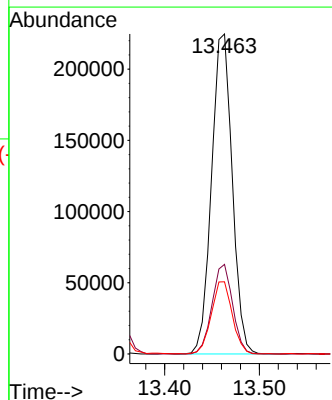
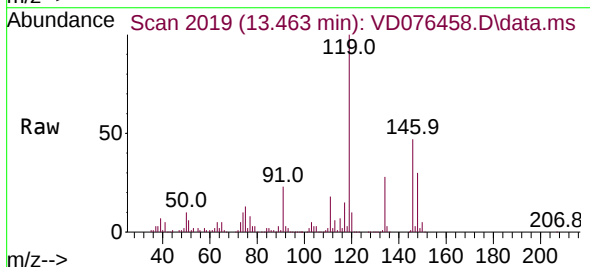
Manual Integrations
 APPROVED

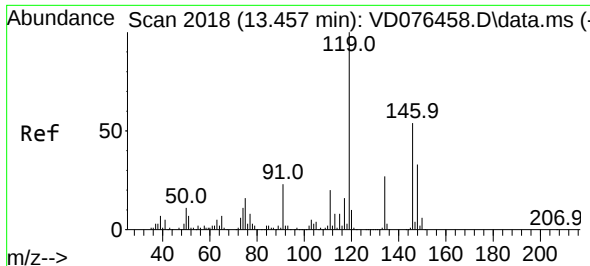
Reviewed By :Krupa Patel 06/19/2023
 Supervised By :Mahesh Dadoda 06/19/2023



#86
 p-Isopropyltoluene
 Concen: 46.870 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD076458.D
 Acq: 16 Jun 2023 16:34

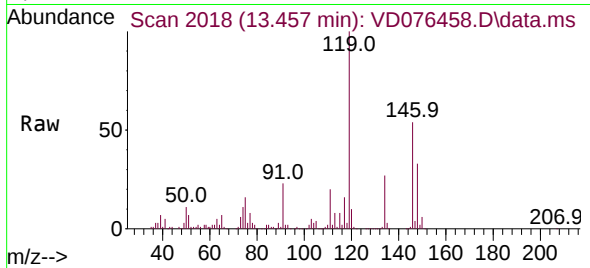
Tgt Ion:119 Resp: 341140
 Ion Ratio Lower Upper
 119 100
 134 27.8 14.2 42.6
 91 22.9 10.5 31.5





#87
1,3-Dichlorobenzene
Concen: 48.228 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD076458.D
Acq: 16 Jun 2023 16:34

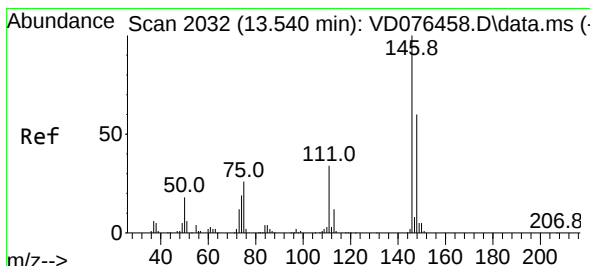
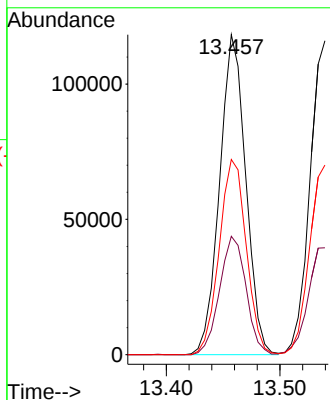
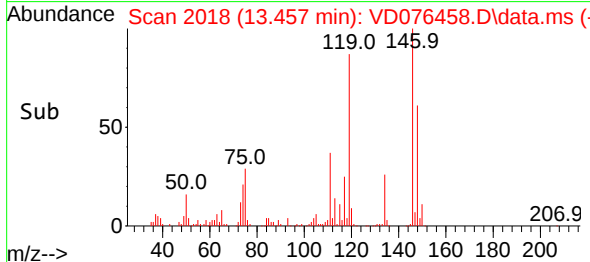
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



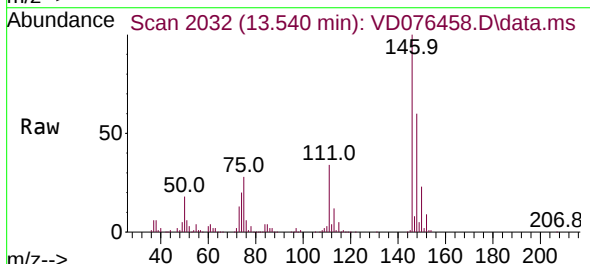
Tgt Ion:146 Resp: 189060
Ion Ratio Lower Upper
146 100
111 37.4 17.9 53.8
148 63.1 32.3 96.8

Manual Integrations
APPROVED

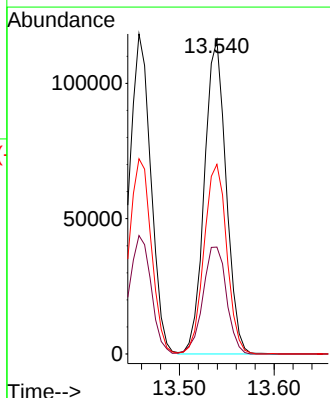
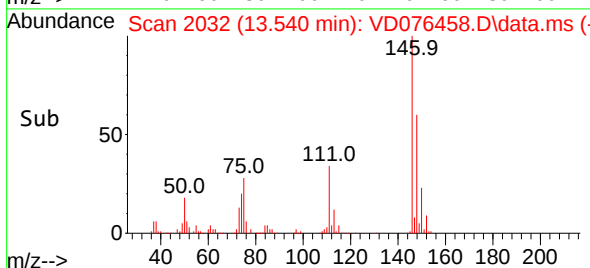
Reviewed By :Krupa Patel 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

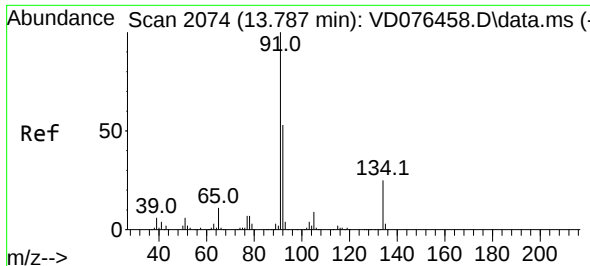


#88
1,4-Dichlorobenzene
Concen: 47.397 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD076458.D
Acq: 16 Jun 2023 16:34



Tgt Ion:146 Resp: 185306
Ion Ratio Lower Upper
146 100
111 37.1 17.4 52.3
148 63.2 31.7 95.1





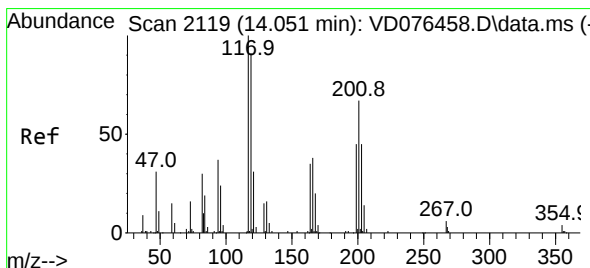
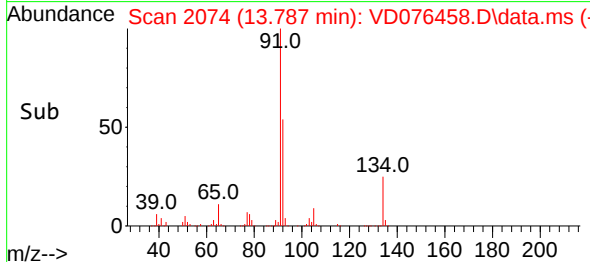
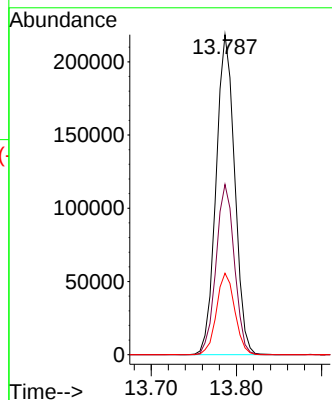
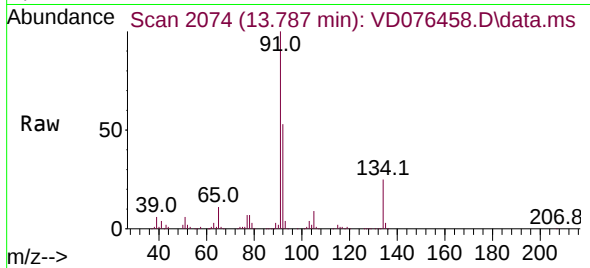
#89
n-Butylbenzene
Concen: 46.782 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD076458.D
Acq: 16 Jun 2023 16:34

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 332111
Ion Ratio Lower Upper
91 100
92 52.4 26.5 79.5
134 25.1 13.8 41.3

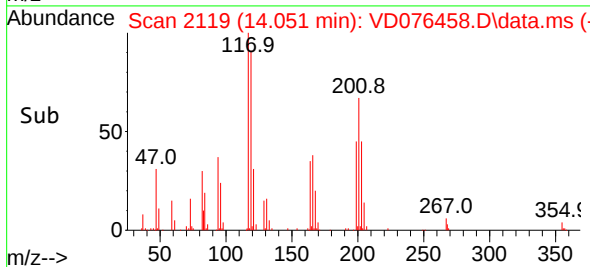
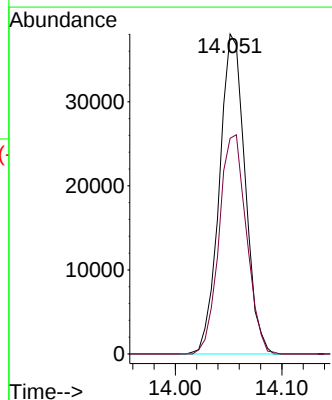
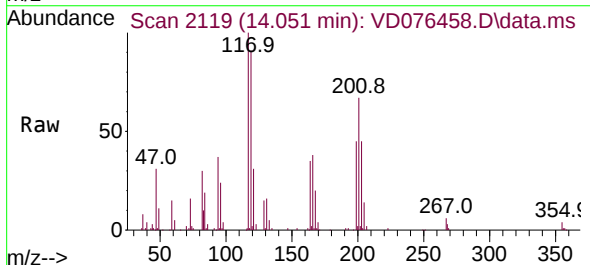
Manual Integrations
APPROVED

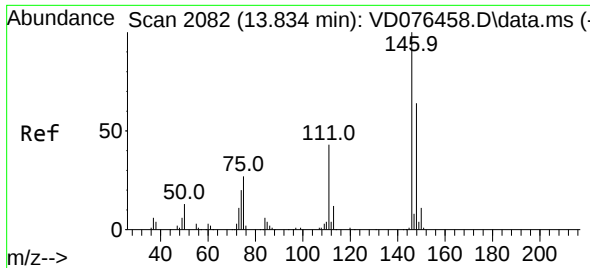
Reviewed By :Krupa Patel 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#90
Hexachloroethane
Concen: 47.372 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD076458.D
Acq: 16 Jun 2023 16:34

Tgt Ion:117 Resp: 63628
Ion Ratio Lower Upper
117 100
201 73.1 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 48.177 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD076458.D

Acq: 16 Jun 2023 16:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion:146 Resp: 165030

Ion Ratio Lower Upper

146 100

111 39.1 18.3 54.8

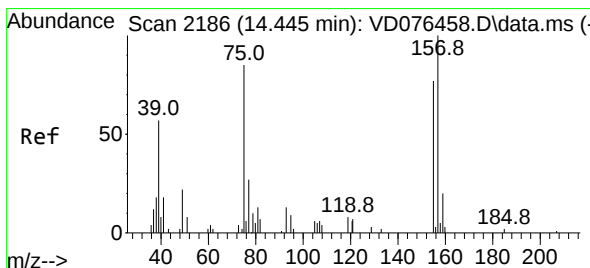
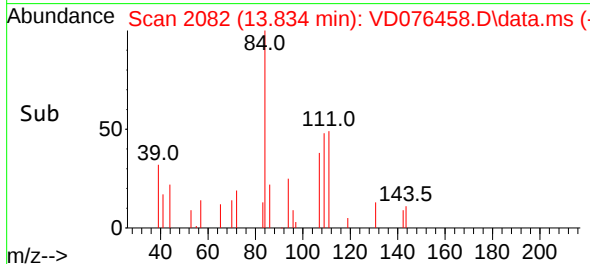
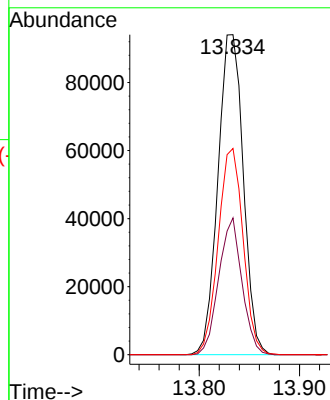
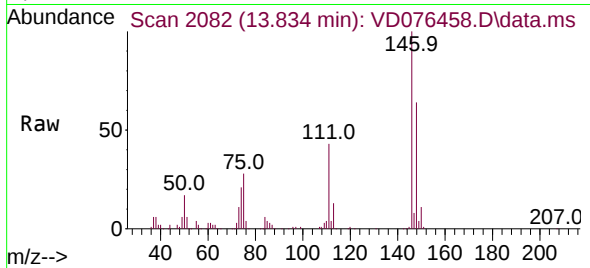
148 63.2 31.6 94.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/19/2023

Supervised By :Mahesh Dadoda 06/19/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.884 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD076458.D

Acq: 16 Jun 2023 16:34

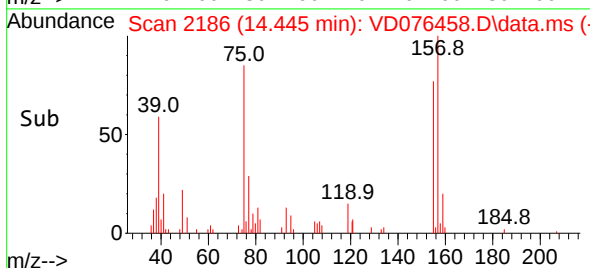
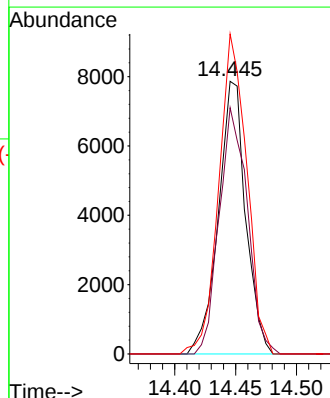
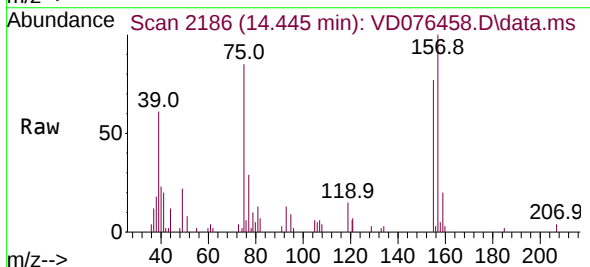
Tgt Ion: 75 Resp: 12282

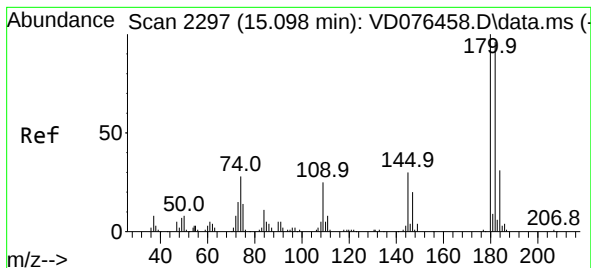
Ion Ratio Lower Upper

75 100

155 92.9 47.9 143.8

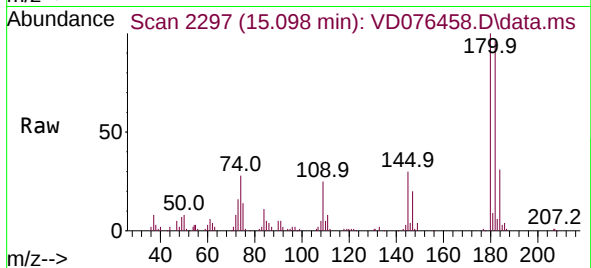
157 119.9 59.9 179.7





#93
1,2,4-Trichlorobenzene
Concen: 47.856 ug/l
RT: 15.098 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VD076458.D
Acq: 16 Jun 2023 16:34

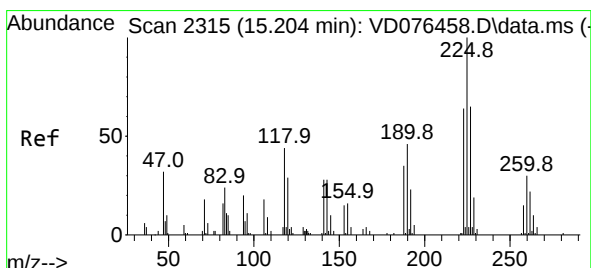
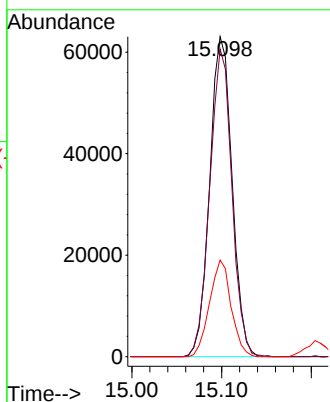
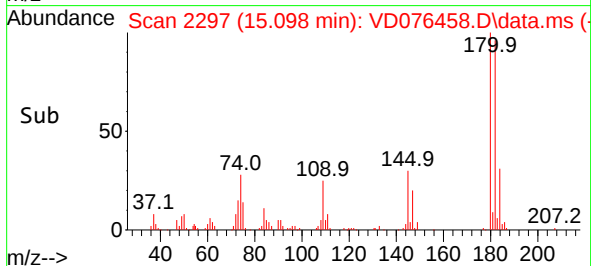
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



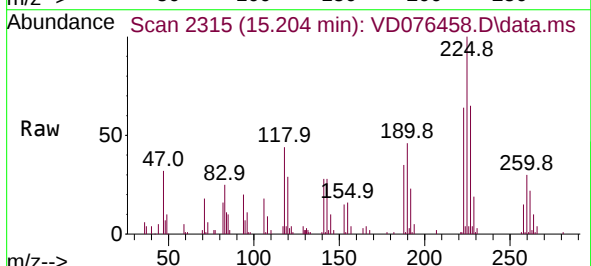
Tgt Ion:180 Resp: 10925
Ion Ratio Lower Upper
180 100
182 94.9 48.5 145.6
145 29.1 14.2 42.6

Manual Integrations
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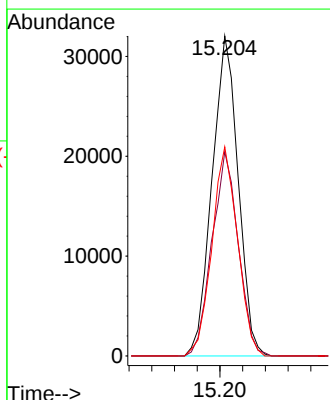
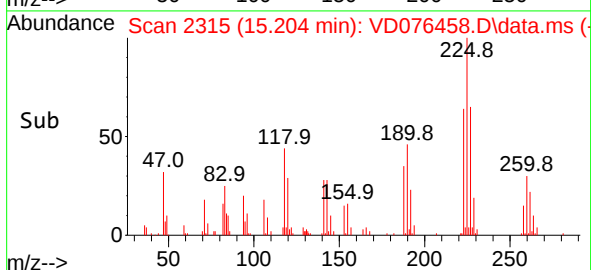
Reviewed By :Krupa Patel 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

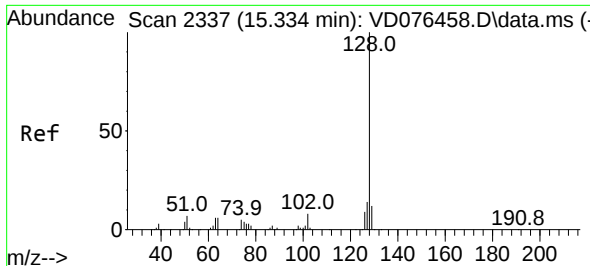


#94
Hexachlorobutadiene
Concen: 45.977 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD076458.D
Acq: 16 Jun 2023 16:34



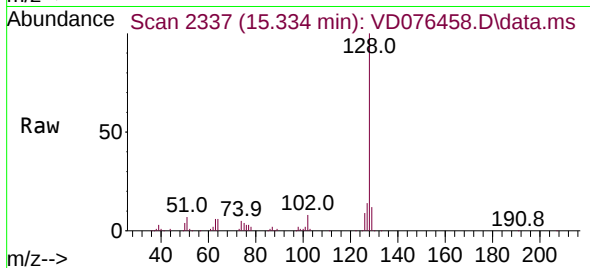
Tgt Ion:225 Resp: 51030
Ion Ratio Lower Upper
225 100
223 64.2 31.6 94.8
227 64.2 31.7 95.1





#95
Naphthalene
Concen: 49.751 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD076458.D
Acq: 16 Jun 2023 16:34

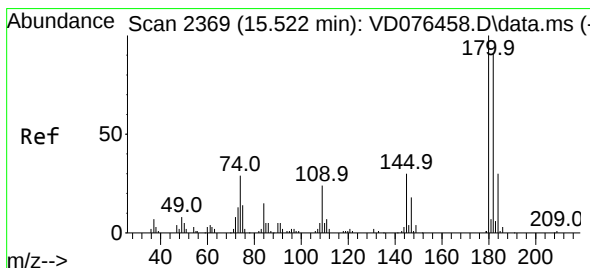
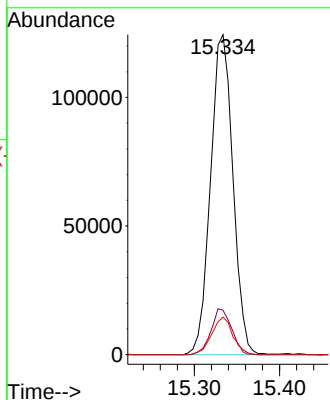
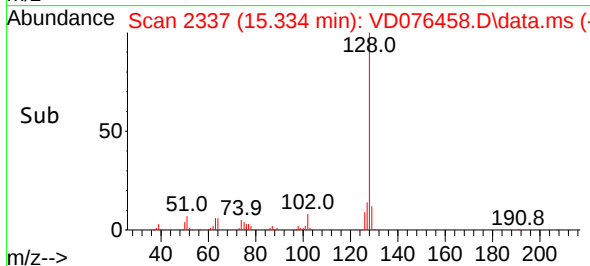
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



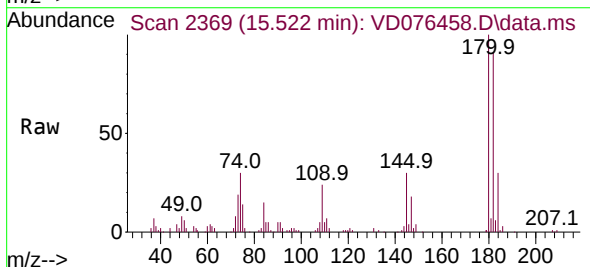
Tgt Ion:128 Resp: 22712
Ion Ratio Lower Upper
128 100
127 13.9 10.5 15.7
129 11.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023



#96
1,2,3-Trichlorobenzene
Concen: 48.631 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD076458.D
Acq: 16 Jun 2023 16:34



Tgt Ion:180 Resp: 96728
Ion Ratio Lower Upper
180 100
182 94.9 47.3 141.9
145 30.3 15.1 45.3

