

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051923\
 Data File : VD076149.D
 Acq On : 19 May 2023 10:30
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/22/2023
 Supervised By :Mahesh Dadoda 05/22/2023

Quant Time: May 19 15:17:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	188663	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	316890	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	306985	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	162115	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	92036	50.475	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.960%			
35) Dibromofluoromethane	7.804	113	104115	47.532	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 95.060%			
50) Toluene-d8	10.269	98	415046	48.607	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 97.220%			
62) 4-Bromofluorobenzene	12.575	95	118855	50.109	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 100.220%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	75179	44.183	ug/l	96
3) Chloromethane	2.146	50	146862	52.804	ug/l	94
4) Vinyl Chloride	2.281	62	184208	50.198	ug/l	94
5) Bromomethane	2.687	94	125358	50.741	ug/l	97
6) Chloroethane	2.834	64	129016	52.258	ug/l	96
7) Trichlorofluoromethane	3.169	101	141767	45.579	ug/l	97
8) Diethyl Ether	3.593	74	50407	49.280	ug/l	75
9) 1,1,2-Trichlorotrifluo...	3.963	101	94627	46.187	ug/l	94
10) Methyl Iodide	4.163	142	115592	54.262	ug/l	91
11) Tert butyl alcohol	5.063	59	24624	255.294	ug/l #	100
12) 1,1-Dichloroethene	3.934	96	92990	45.604	ug/l	94
13) Acrolein	3.793	56	66952	283.620	ug/l	94
14) Allyl chloride	4.558	41	96172	46.473	ug/l #	80
15) Acrylonitrile	5.258	53	114863	271.212	ug/l	97
16) Acetone	4.016	43	100832	277.939	ug/l #	77
17) Carbon Disulfide	4.269	76	274068	49.639	ug/l	98
18) Methyl Acetate	4.558	43	69523	53.722	ug/l #	80
19) Methyl tert-butyl Ether	5.316	73	214026	53.627	ug/l	99
20) Methylene Chloride	4.793	84	133708	45.695	ug/l #	76
21) trans-1,2-Dichloroethene	5.305	96	114369	48.667	ug/l #	82
22) Diisopropyl ether	6.216	45	257995	53.711	ug/l #	89
23) Vinyl Acetate	6.157	43	500786m	265.153	ug/l	
24) 1,1-Dichloroethane	6.110	63	190326	50.242	ug/l	97
25) 2-Butanone	7.087	43	130007	285.007	ug/l #	79
26) 2,2-Dichloropropane	7.075	77	151262	48.969	ug/l	92
27) cis-1,2-Dichloroethene	7.075	96	131620	50.471	ug/l	85
28) Bromochloromethane	7.428	49	65388	51.766	ug/l #	68
29) Tetrahydrofuran	7.446	42	75669	284.605	ug/l #	67
30) Chloroform	7.593	83	206296	50.924	ug/l	95
31) Cyclohexane	7.875	56	128165	45.895	ug/l #	82
32) 1,1,1-Trichloroethane	7.793	97	155973	48.312	ug/l	97
36) 1,1-Dichloropropene	8.010	75	143780	48.603	ug/l	95
37) Ethyl Acetate	7.169	43	53829	52.548	ug/l #	83
38) Carbon Tetrachloride	7.993	117	123418	46.188	ug/l	95
39) Methylcyclohexane	9.275	83	154495	45.362	ug/l	93
40) Benzene	8.251	78	466692	49.069	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	28010	49.867	ug/l #	68
42) 1,2-Dichloroethane	8.328	62	115660	51.414	ug/l	91
43) Isopropyl Acetate	8.357	43	94823	49.553	ug/l #	83
44) Trichloroethene	9.028	130	118613	44.253	ug/l	91
45) 1,2-Dichloropropane	9.304	63	116367	49.603	ug/l	93
46) Dibromomethane	9.393	93	67308	51.186	ug/l	97
47) Bromodichloromethane	9.581	83	158845	50.262	ug/l	95
48) Methyl methacrylate	9.381	41	41382	48.862	ug/l #	59
49) 1,4-Dioxane	9.387	88	15373	1093.255	ug/l #	76
51) 4-Methyl-2-Pentanone	10.157	43	272005	267.266	ug/l #	82
52) Toluene	10.334	92	300516	50.591	ug/l	96
53) t-1,3-Dichloropropene	10.557	75	147007	51.612	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	179146	51.537	ug/l #	76
55) 1,1,2-Trichloroethane	10.734	97	99865	52.959	ug/l	93
56) Ethyl methacrylate	10.598	69	101635	53.622	ug/l #	69
57) 1,3-Dichloropropane	10.881	76	153614	51.924	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	245114	269.529	ug/l	93
59) 2-Hexanone	10.922	43	193623	269.770	ug/l	75
60) Dibromochloromethane	11.075	129	108988	51.402	ug/l	99
61) 1,2-Dibromoethane	11.175	107	87939	52.425	ug/l	99
64) Tetrachloroethene	10.810	164	97265	41.203	ug/l	92
65) Chlorobenzene	11.610	112	324694	46.459	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	113025	46.994	ug/l	95
67) Ethyl Benzene	11.687	91	543048	48.628	ug/l	93
68) m/p-Xylenes	11.792	106	451835	98.997	ug/l	91
69) o-Xylene	12.122	106	207745	49.883	ug/l	90
70) Styrene	12.134	104	375545	52.011	ug/l	93
71) Bromoform	12.298	173	63674	47.067	ug/l #	95
73) Isopropylbenzene	12.422	105	508639	47.429	ug/l	97
74) N-amyl acetate	12.234	43	87249	45.676	ug/l #	74
75) 1,1,2,2-Tetrachloroethane	12.675	83	109329	47.434	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	73137m	51.554	ug/l	
77) Bromobenzene	12.704	156	129612	45.092	ug/l	95
78) n-propylbenzene	12.763	91	636281	47.667	ug/l	98
79) 2-Chlorotoluene	12.851	91	347696	47.064	ug/l	94
80) 1,3,5-Trimethylbenzene	12.904	105	428836	48.237	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.469	75	32719	48.384	ug/l #	76
82) 4-Chlorotoluene	12.945	91	372909	47.455	ug/l	93
83) tert-Butylbenzene	13.169	119	359543	47.854	ug/l	92
84) 1,2,4-Trimethylbenzene	13.210	105	436726	49.327	ug/l	94
85) sec-Butylbenzene	13.345	105	562048	48.001	ug/l	98
86) p-Isopropyltoluene	13.463	119	468765	48.927	ug/l	94
87) 1,3-Dichlorobenzene	13.457	146	272696	46.923	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	266629	46.334	ug/l	97
89) n-Butylbenzene	13.786	91	422808	46.828	ug/l	99
90) Hexachloroethane	14.057	117	87994	44.650	ug/l	99
91) 1,2-Dichlorobenzene	13.834	146	239195	46.900	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	14297	47.773	ug/l	88
93) 1,2,4-Trichlorobenzene	15.098	180	126328	42.583	ug/l	94
94) Hexachlorobutadiene	15.204	225	57068	37.729	ug/l	98
95) Naphthalene	15.333	128	255856	46.416	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	113034	41.895	ug/l	98

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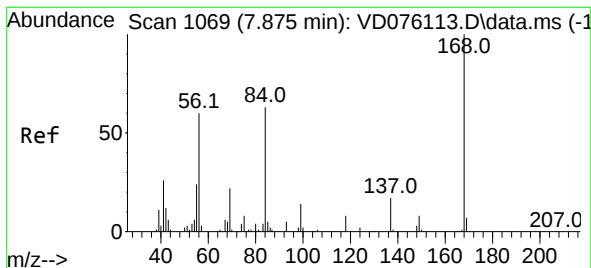
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

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Quant Title : SW846 8260
QLast Update : Tue May 16 10:08:53 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



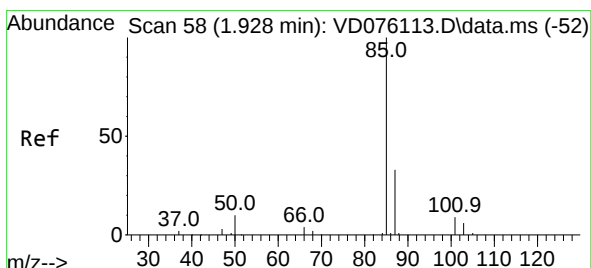
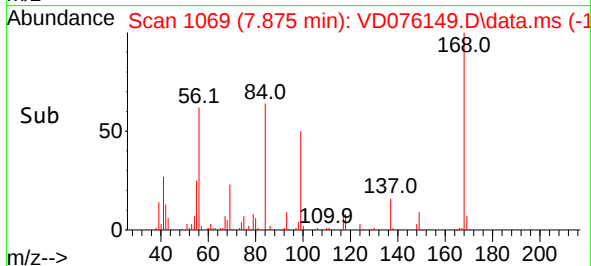
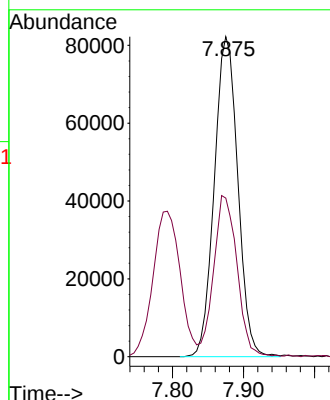
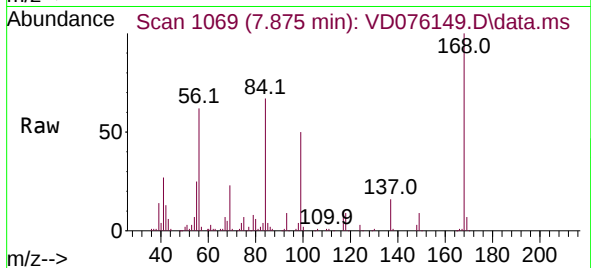
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 18866
Ion Ratio Lower Upper
168 100
99 49.3 43.8 65.6

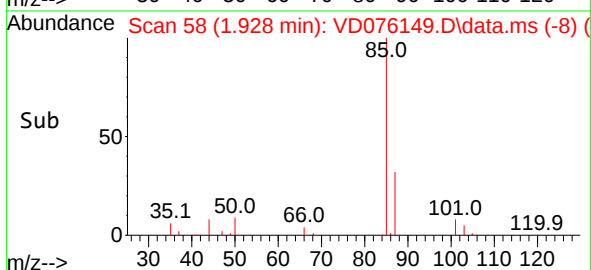
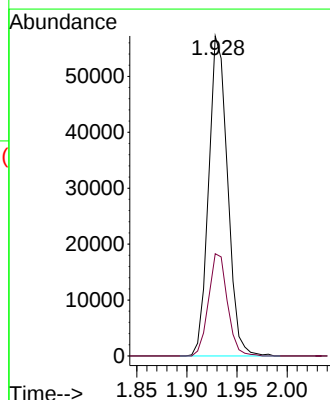
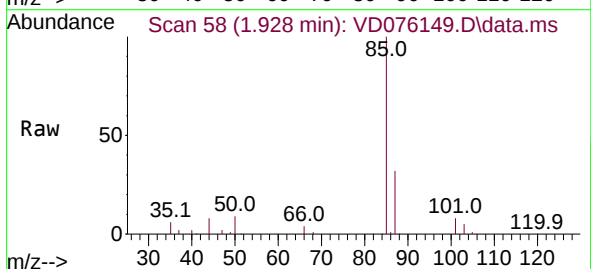
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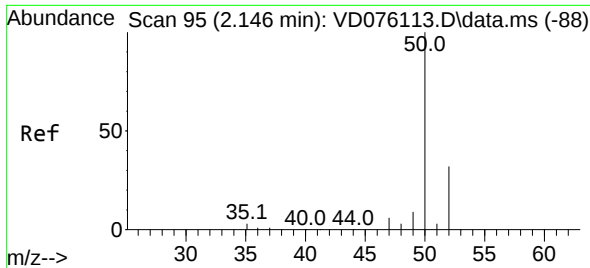
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#2
Dichlorodifluoromethane
Concen: 44.183 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.006 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

Tgt Ion: 85 Resp: 75179
Ion Ratio Lower Upper
85 100
87 32.0 17.3 51.7





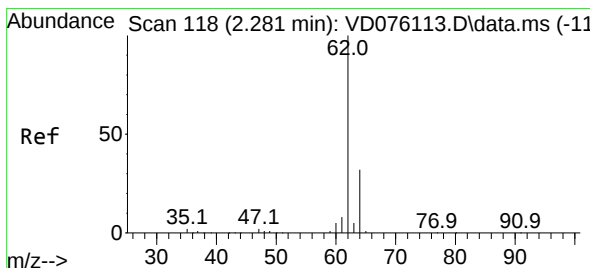
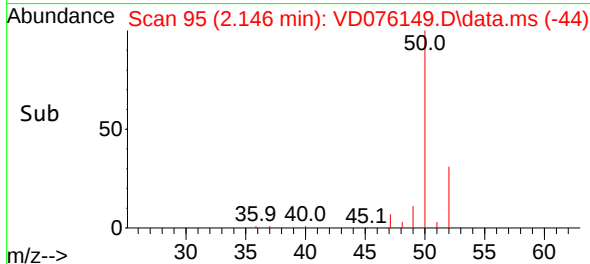
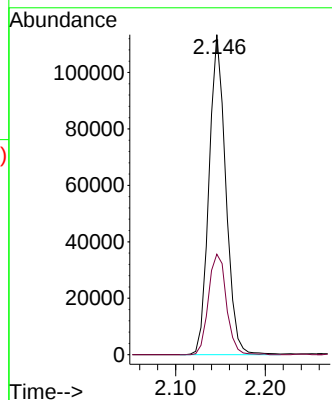
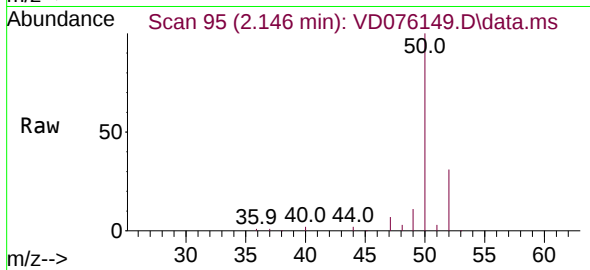
#3
Chloromethane
Concen: 52.804 ug/l
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

Instrument :
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ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 146862
Ion Ratio Lower Upper
50 100
52 31.4 27.8 41.8

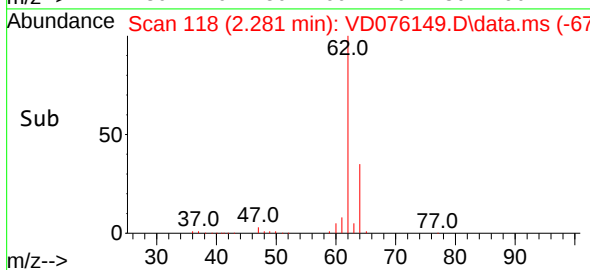
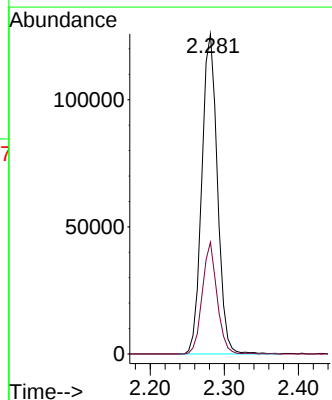
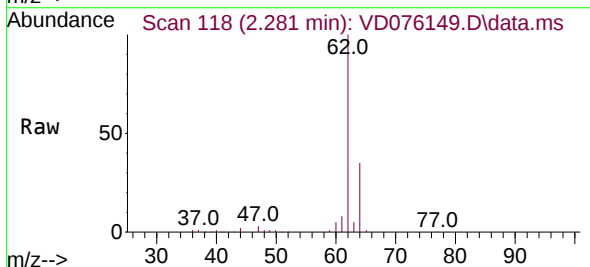
Manual Integrations
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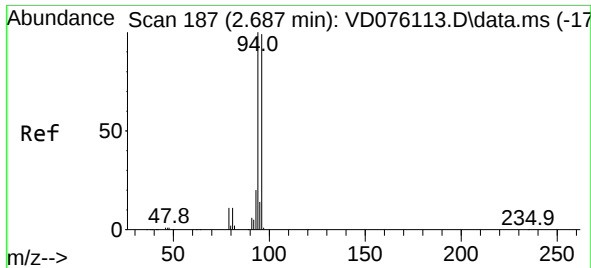
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#4
Vinyl Chloride
Concen: 50.198 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

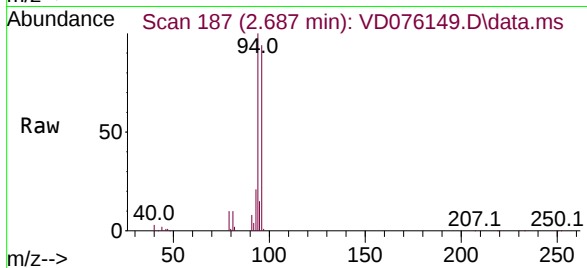
Tgt Ion: 62 Resp: 184208
Ion Ratio Lower Upper
62 100
64 34.9 25.4 38.0





#5
Bromomethane
Concen: 50.741 ug/l
RT: 2.687 min Scan# 187
Delta R.T. 0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

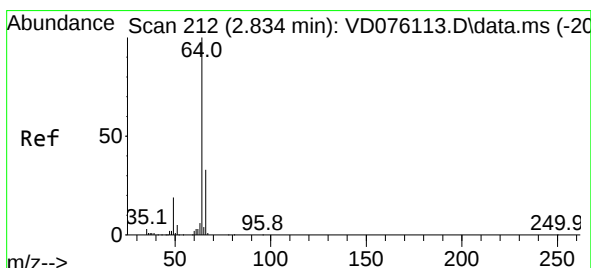
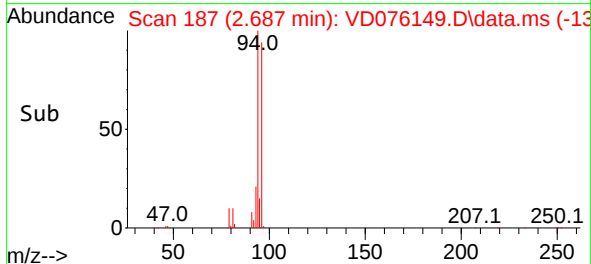
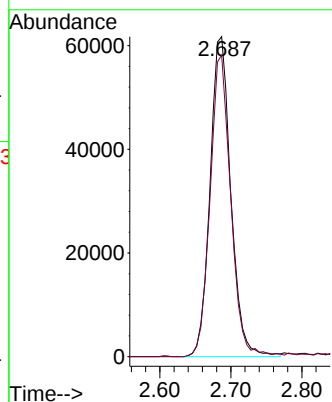
Instrument :
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Tgt Ion: 94 Resp: 125358
Ion Ratio Lower Upper
94 100
96 93.7 77.5 116.3

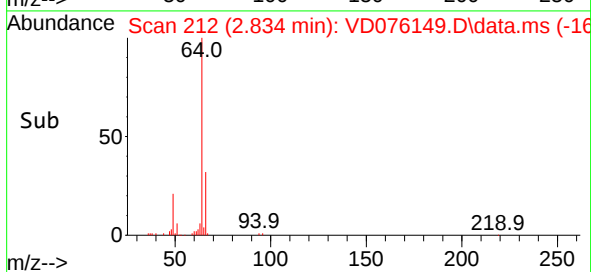
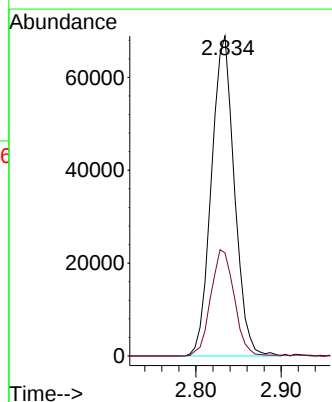
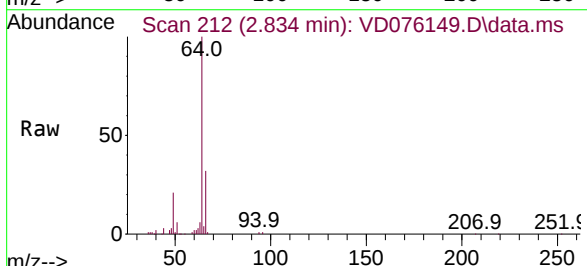
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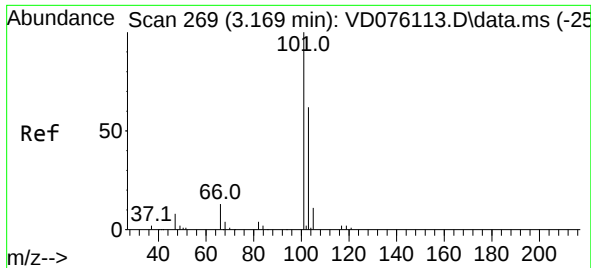
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#6
Chloroethane
Concen: 52.258 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

Tgt Ion: 64 Resp: 129016
Ion Ratio Lower Upper
64 100
66 32.2 27.7 41.5





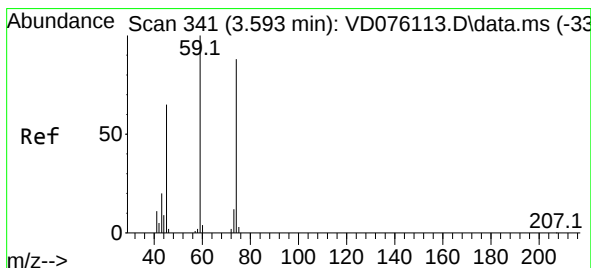
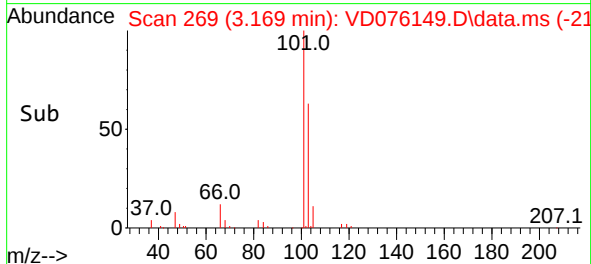
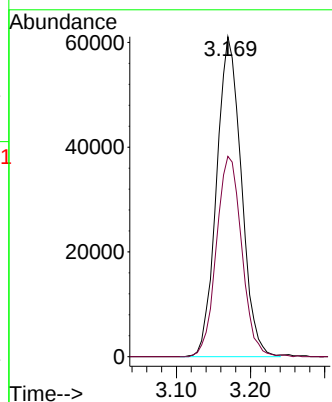
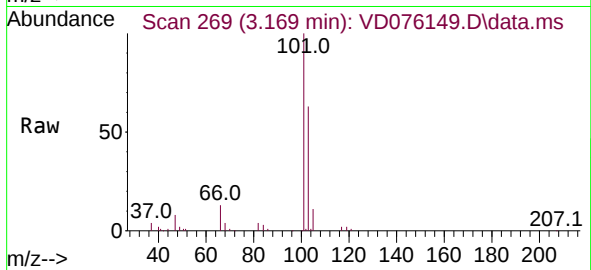
#7
Trichlorofluoromethane
Concen: 45.579 ug/l
RT: 3.169 min Scan# 269
Delta R.T. 0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 14176
Ion Ratio Lower Upper
101 100
103 62.6 51.9 77.9

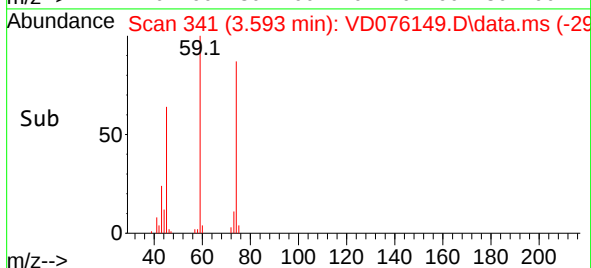
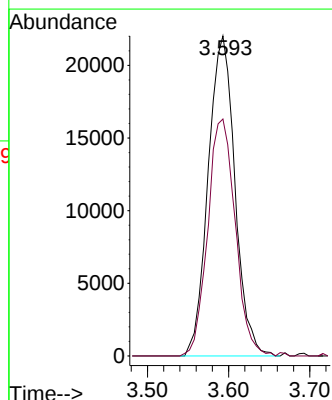
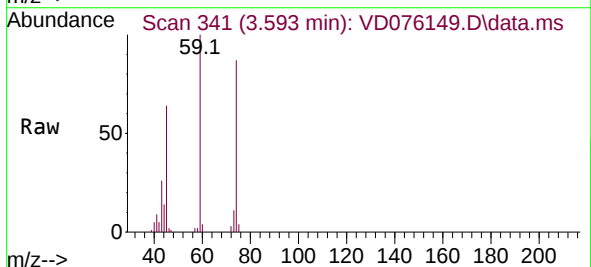
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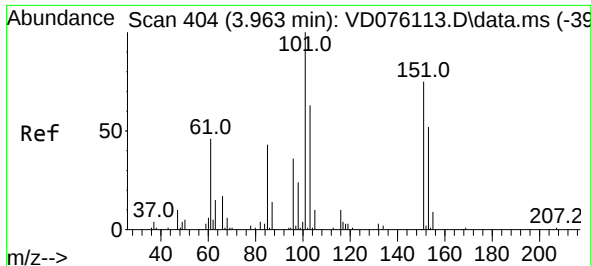
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#8
Diethyl Ether
Concen: 49.280 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

Tgt Ion: 74 Resp: 50407
Ion Ratio Lower Upper
74 100
45 76.2 50.9 152.7





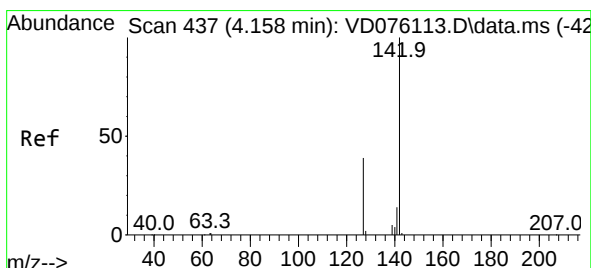
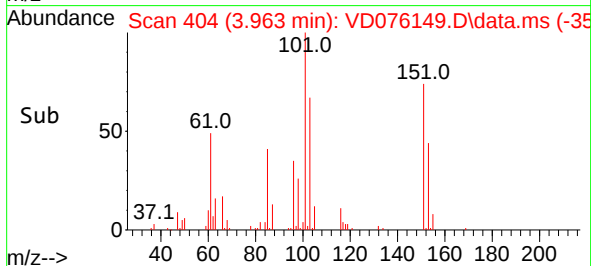
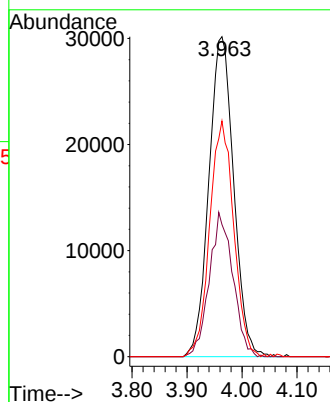
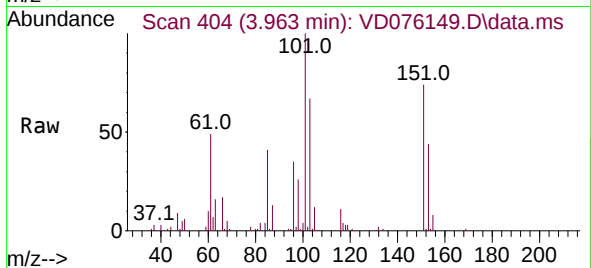
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.187 ug/l
RT: 3.963 min Scan# 404
Delta R.T. -0.001 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 9462
Ion Ratio Lower Upper
101 100
85 42.8 38.3 57.5
151 71.3 60.4 90.6

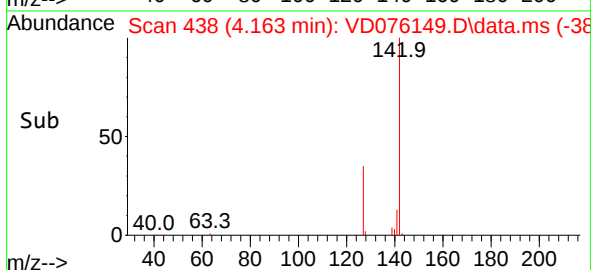
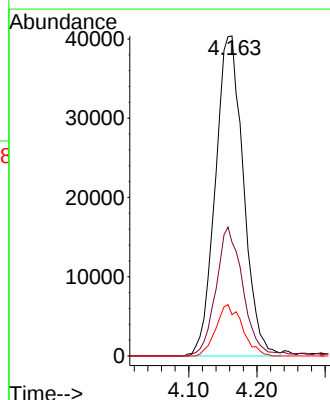
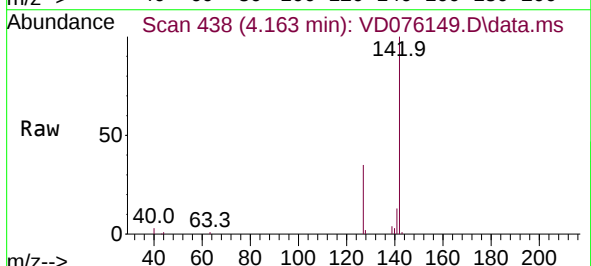
Manual Integrations
APPROVED

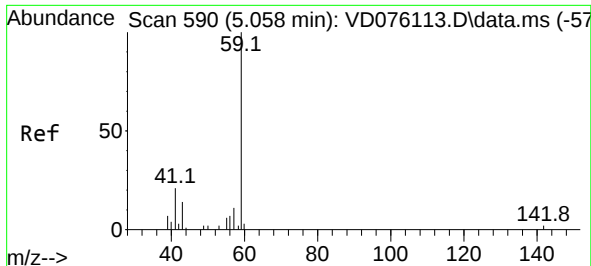
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#10
Methyl Iodide
Concen: 54.262 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.001 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

Tgt Ion:142 Resp: 115592
Ion Ratio Lower Upper
142 100
127 38.9 37.1 55.7
141 15.2 11.3 16.9





#11

Tert butyl alcohol

Concen: 255.294 ug/l

RT: 5.063 min Scan# 591

Delta R.T. 0.011 min

Lab File: VD076149.D

Acq: 19 May 2023 10:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 24624

Ion Ratio Lower Upper

59 100

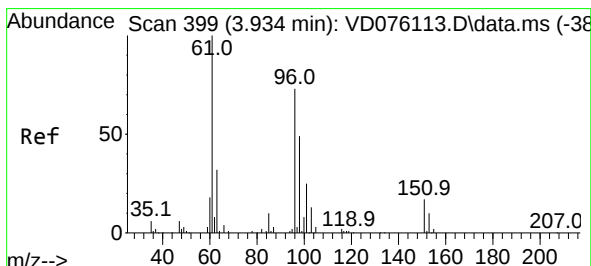
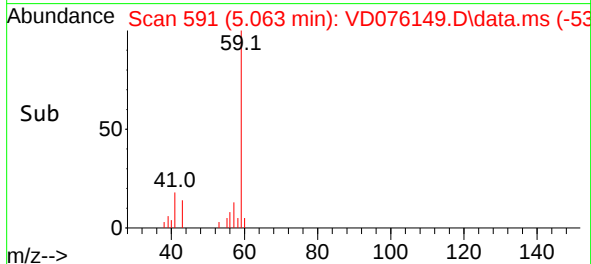
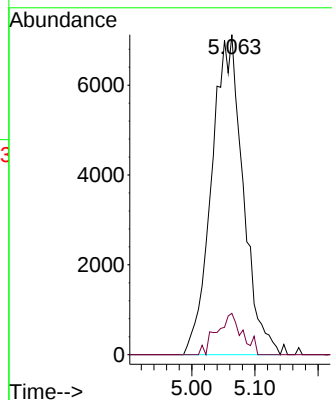
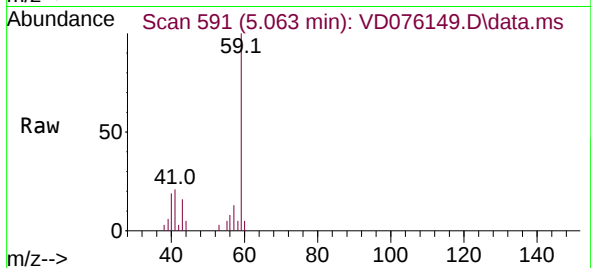
57 10.4 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#12

1,1-Dichloroethene

Concen: 45.604 ug/l

RT: 3.934 min Scan# 399

Delta R.T. -0.006 min

Lab File: VD076149.D

Acq: 19 May 2023 10:30

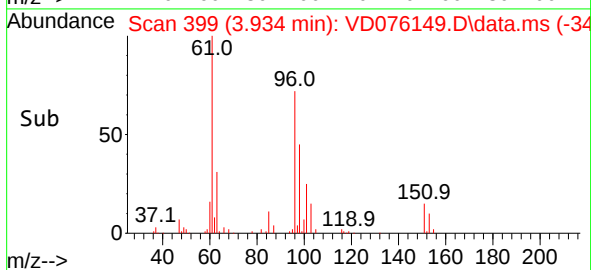
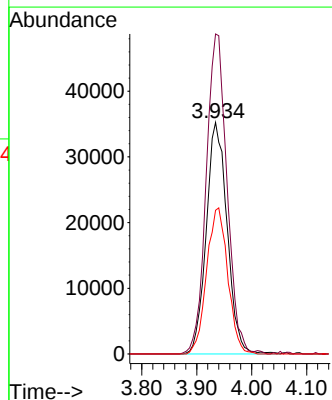
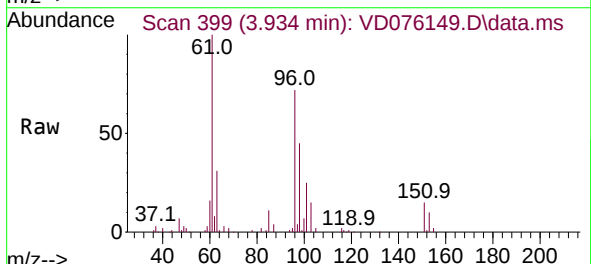
Tgt Ion: 96 Resp: 92990

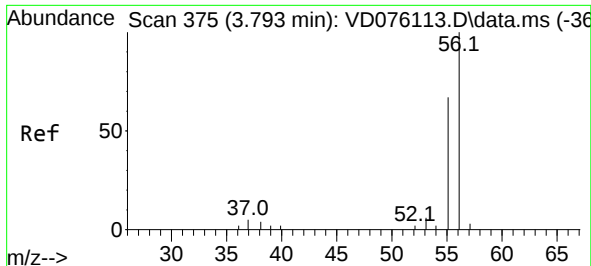
Ion Ratio Lower Upper

96 100

61 138.3 118.6 177.8

98 62.0 49.7 74.5





#13

Acrolein

Concen: 283.620 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD076149.D

Acq: 19 May 2023 10:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 6695

Ion Ratio Lower Upper

56 100

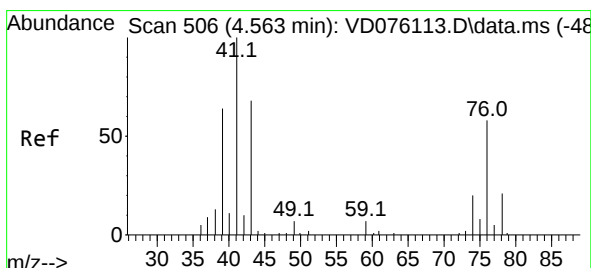
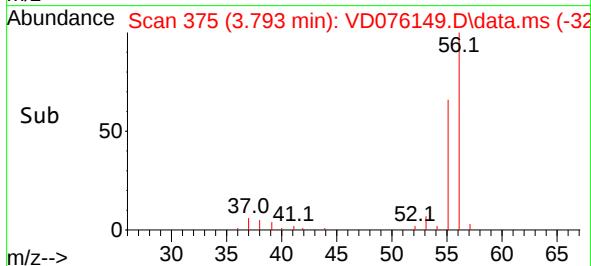
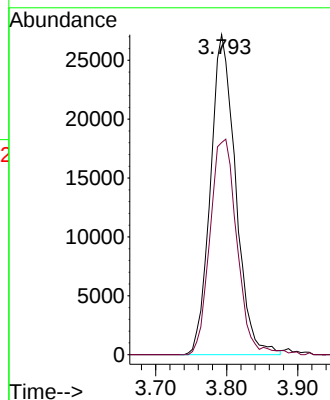
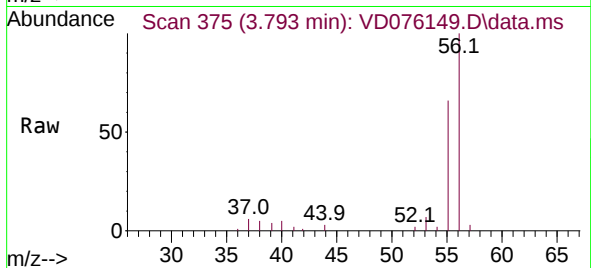
55 72.1 53.9 80.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#14

Allyl chloride

Concen: 46.473 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.005 min

Lab File: VD076149.D

Acq: 19 May 2023 10:30

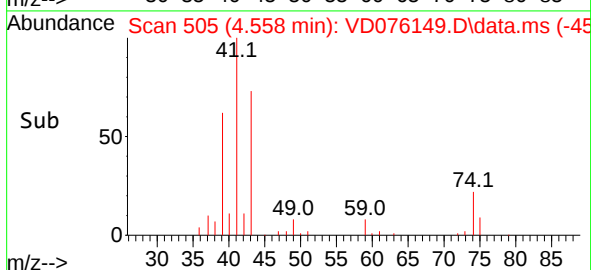
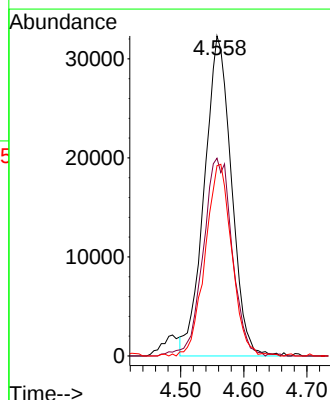
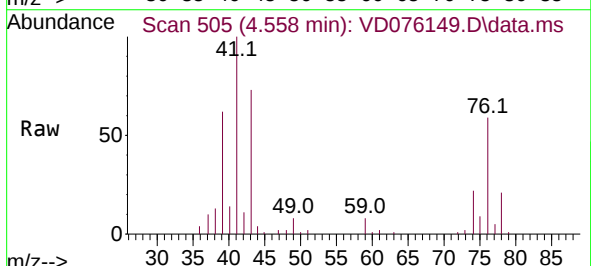
Tgt Ion: 41 Resp: 96172

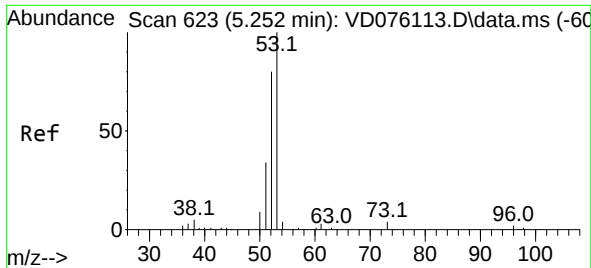
Ion Ratio Lower Upper

41 100

39 66.3 60.6 90.8

76 58.9 28.6 43.0#





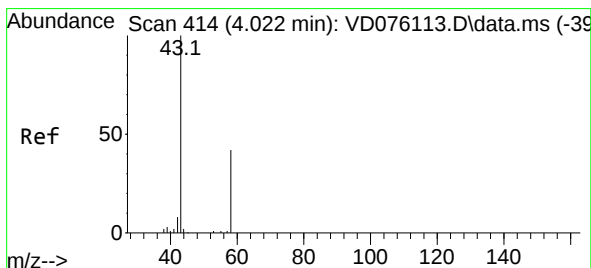
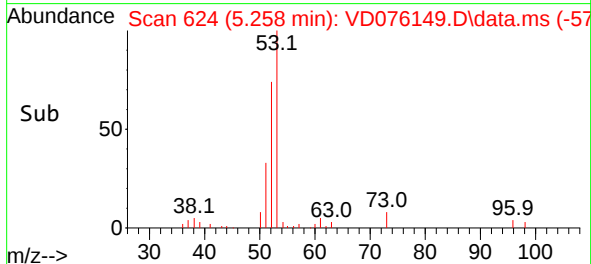
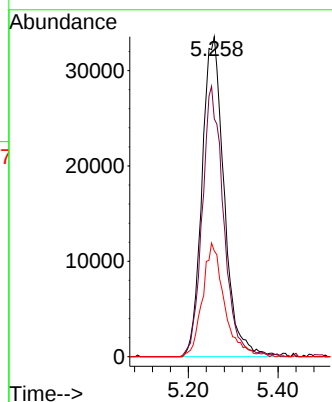
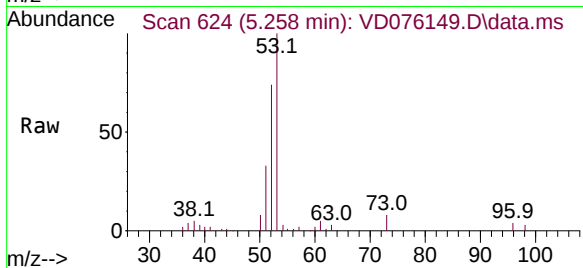
#15
Acrylonitrile
Concen: 271.212 ug/l
RT: 5.258 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 11486
Ion Ratio Lower Upper
53 100
52 81.3 66.2 99.4
51 34.9 30.7 46.1

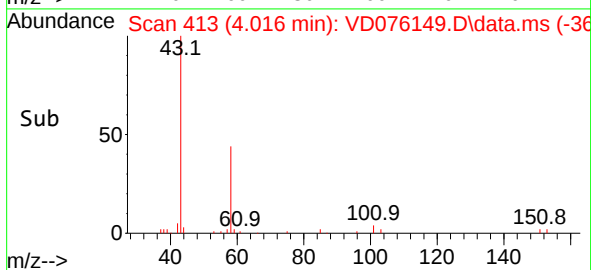
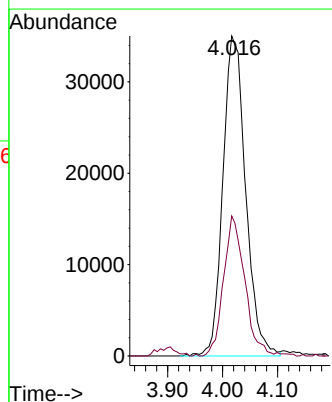
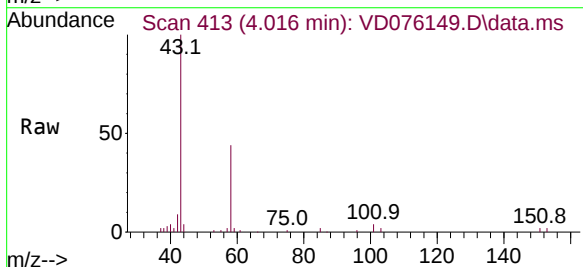
Manual Integrations
APPROVED

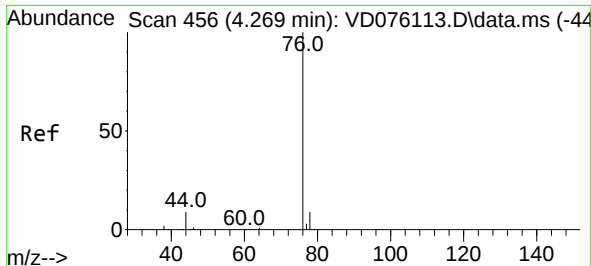
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#16
Acetone
Concen: 277.939 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

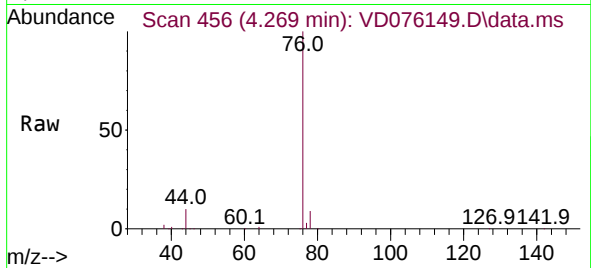
Tgt Ion: 43 Resp: 100832
Ion Ratio Lower Upper
43 100
58 43.1 24.4 36.6#





#17
Carbon Disulfide
Concen: 49.639 ug/l
RT: 4.269 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

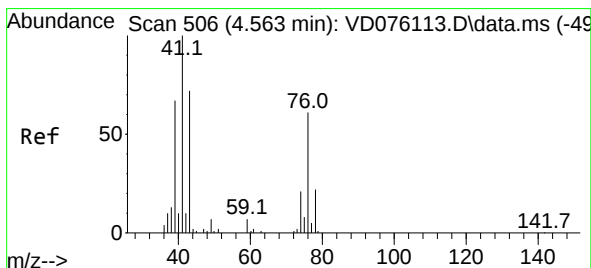
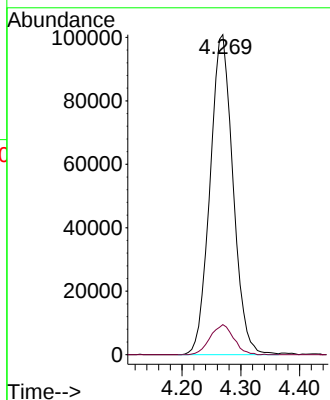
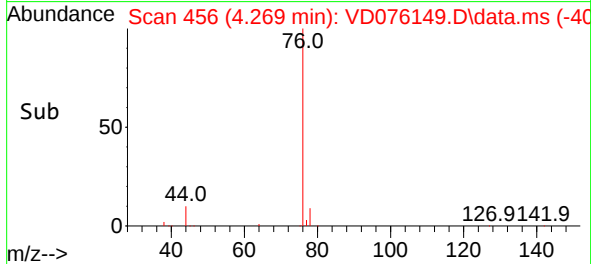
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 274068
Ion Ratio Lower Upper
76 100
78 9.4 8.0 12.0

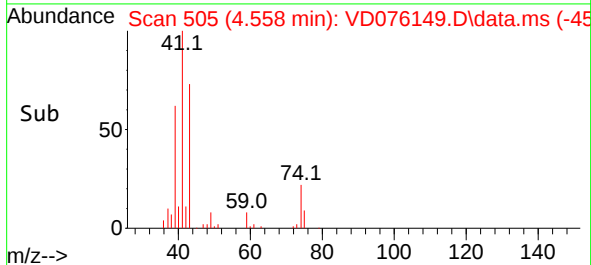
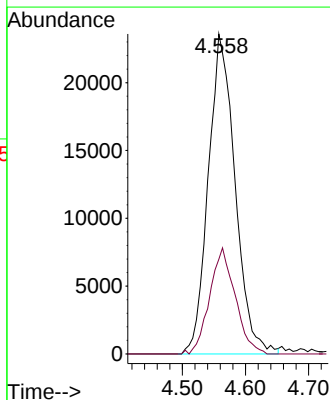
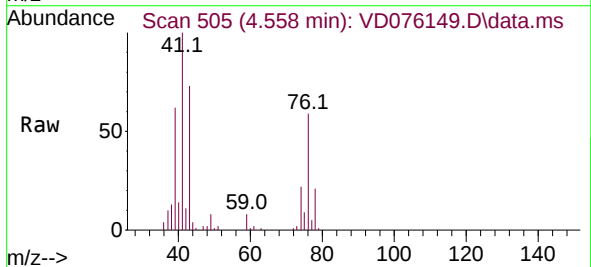
Manual Integrations
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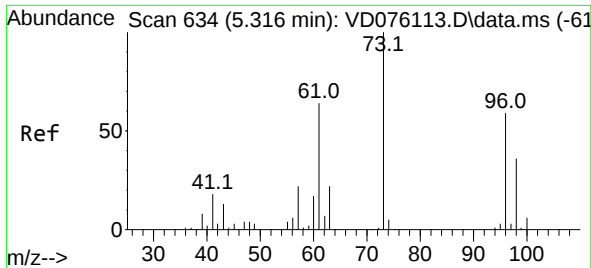
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#18
Methyl Acetate
Concen: 53.722 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.005 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

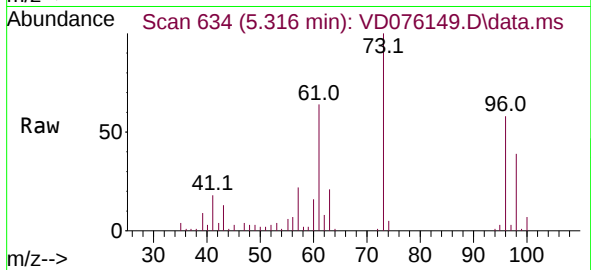
Tgt Ion: 43 Resp: 69523
Ion Ratio Lower Upper
43 100
74 31.6 17.8 26.6#





#19
Methyl tert-butyl Ether
Concen: 53.627 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

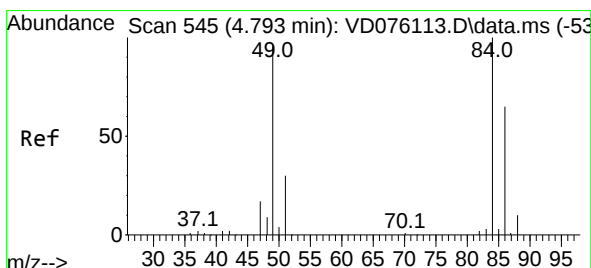
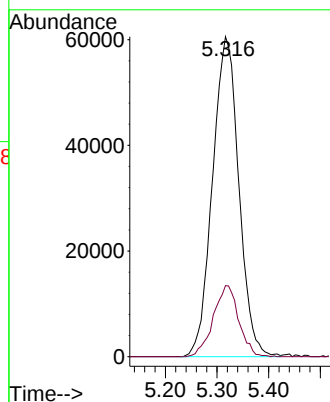
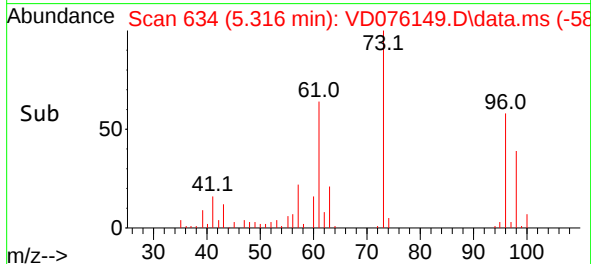
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 214020
Ion Ratio Lower Upper
73 100
57 22.2 17.2 25.8

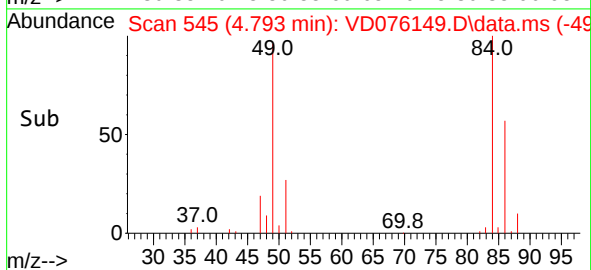
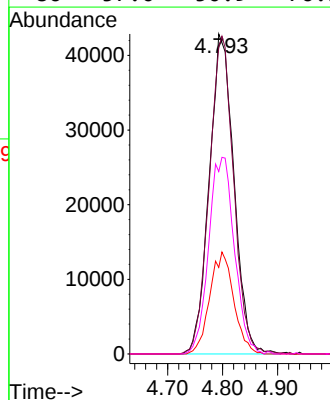
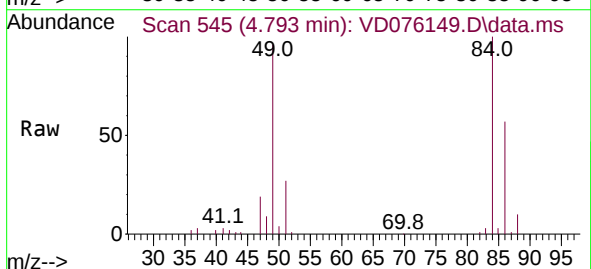
Manual Integrations
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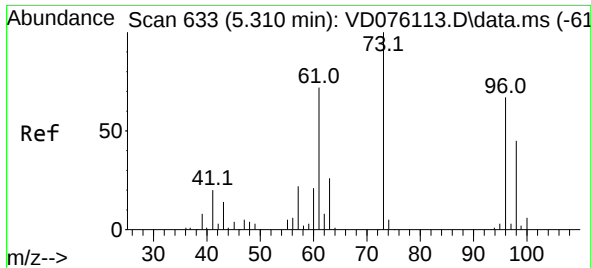
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#20
Methylene Chloride
Concen: 45.695 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

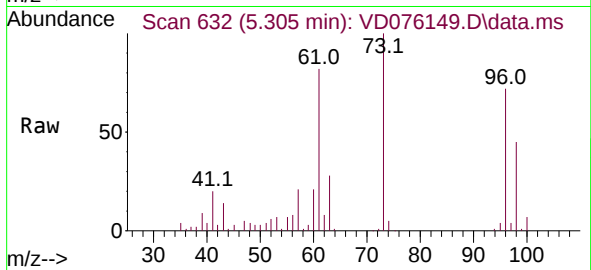
Tgt Ion: 84 Resp: 133708
Ion Ratio Lower Upper
84 100
49 95.9 106.4 159.6#
51 27.1 32.4 48.6#
86 57.0 50.9 76.3





#21
trans-1,2-Dichloroethene
Concen: 48.667 ug/l
RT: 5.305 min Scan# 611
Delta R.T. -0.011 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

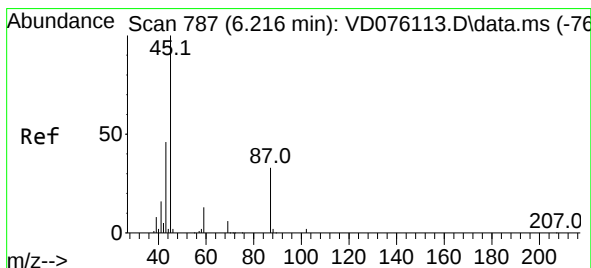
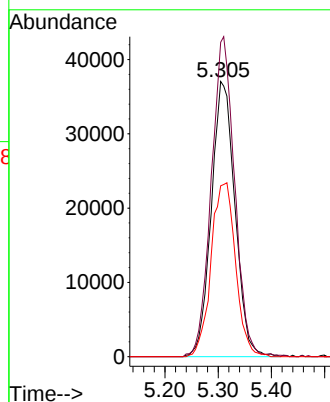
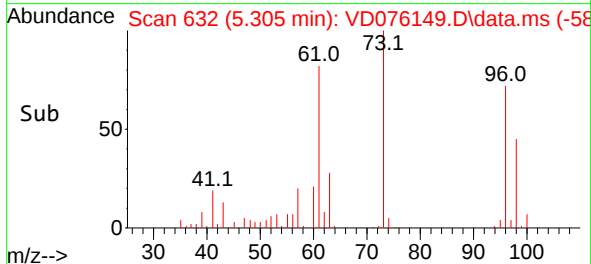
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 114369
Ion Ratio Lower Upper
96 100
61 114.3 117.2 175.8
98 62.1 50.6 76.0

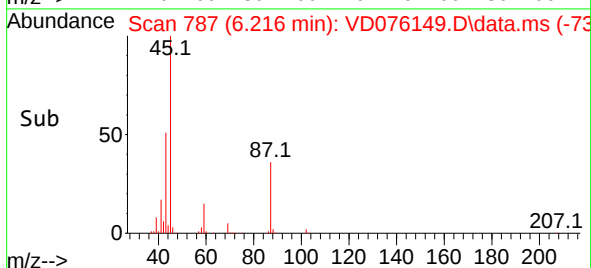
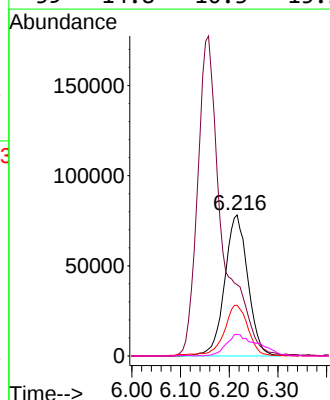
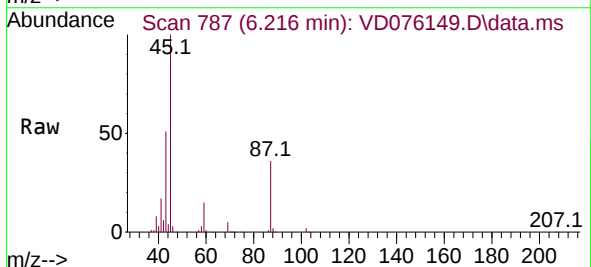
Manual Integrations
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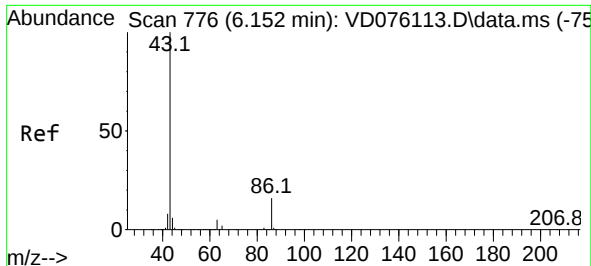
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#22
Diisopropyl ether
Concen: 53.711 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

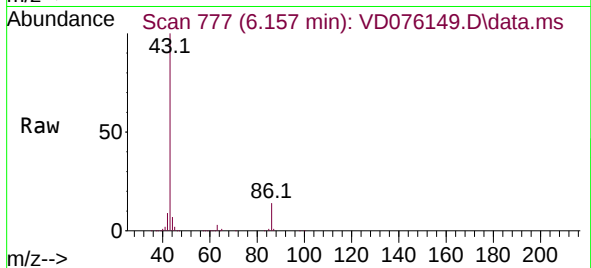
Tgt Ion: 45 Resp: 257995
Ion Ratio Lower Upper
45 100
43 49.6 44.4 66.6
87 35.7 20.9 31.3
59 14.8 10.3 15.5





#23
 Vinyl Acetate
 Concen: 265.153 ug/l m
 RT: 6.157 min Scan# 777
 Delta R.T. 0.005 min
 Lab File: VD076149.D
 Acq: 19 May 2023 10:30

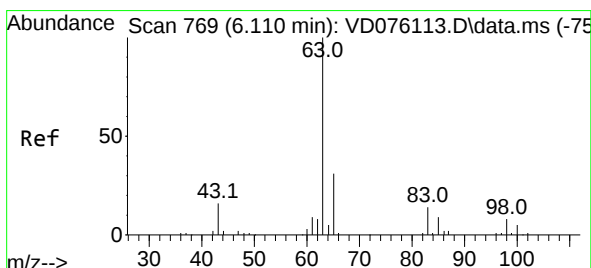
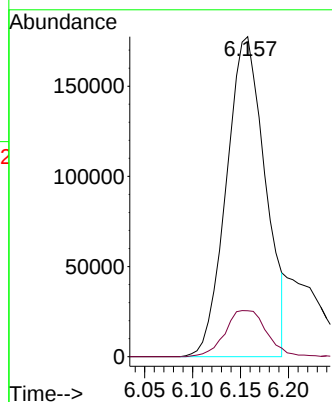
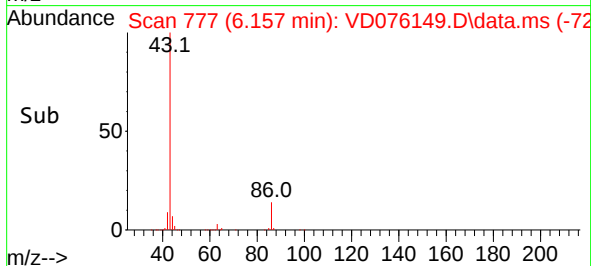
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



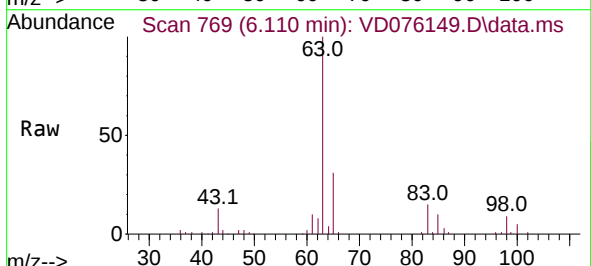
Tgt Ion: 43 Resp: 500780
 Ion Ratio Lower Upper
 43 100
 86 14.3 9.0 13.6

Manual Integrations
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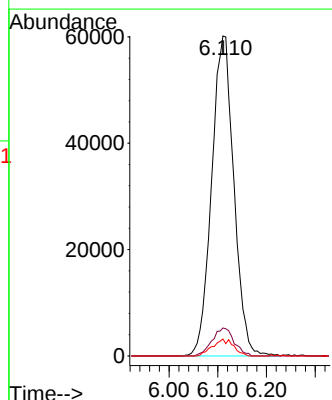
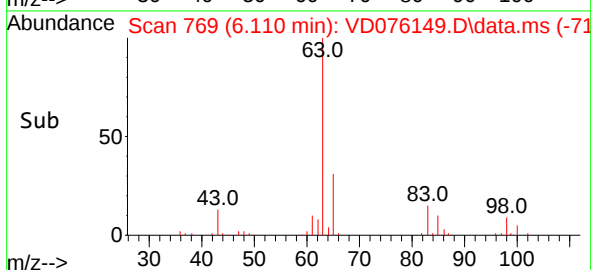
Reviewed By :Krupa Patel 05/22/2023
 Supervised By :Mahesh Dadoda 05/22/2023

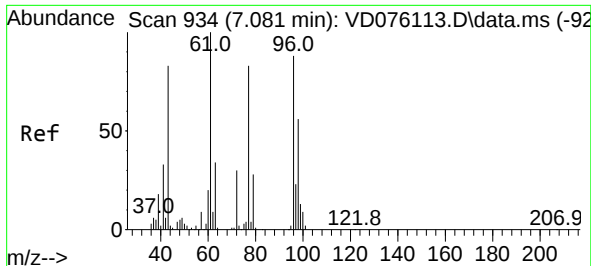


#24
 1,1-Dichloroethane
 Concen: 50.242 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD076149.D
 Acq: 19 May 2023 10:30



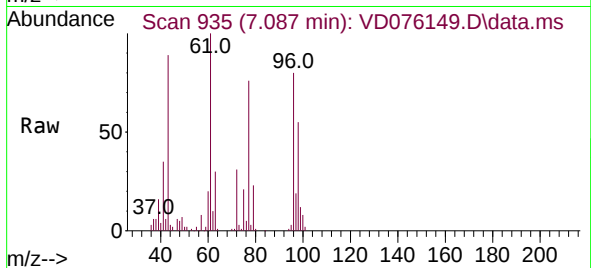
Tgt Ion: 63 Resp: 190326
 Ion Ratio Lower Upper
 63 100
 98 8.7 3.9 11.7
 100 5.3 2.0 6.0





#25
2-Butanone
Concen: 285.007 ug/l
RT: 7.087 min Scan# 911
Delta R.T. 0.006 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

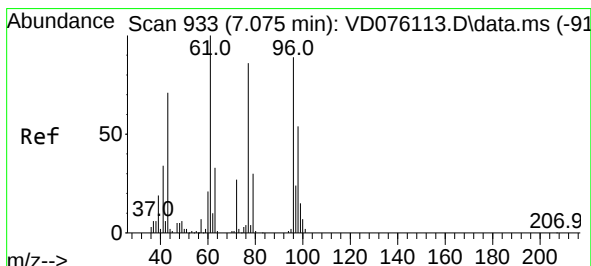
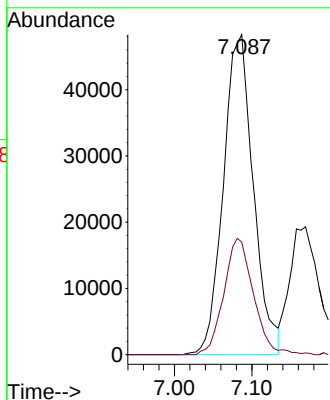
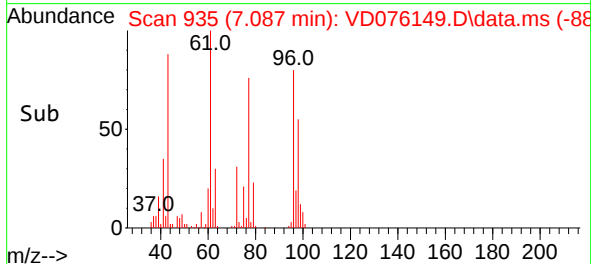
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



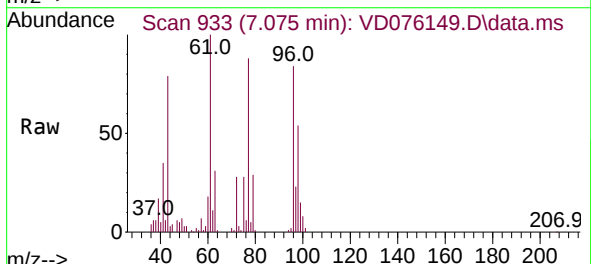
Tgt Ion: 43 Resp: 13000
Ion Ratio Lower Upper
43 100
72 35.2 19.8 29.8

Manual Integrations
APPROVED

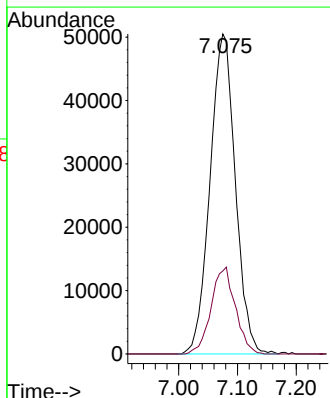
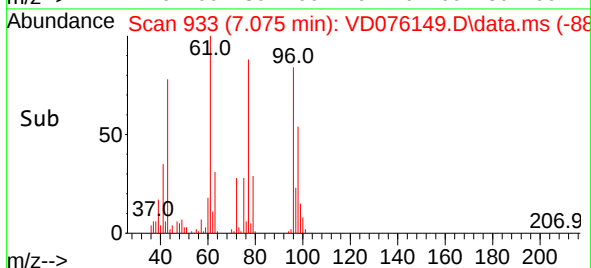
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

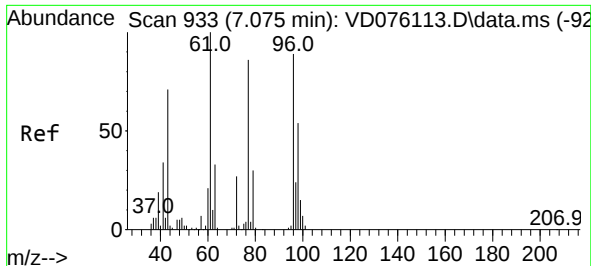


#26
2,2-Dichloropropane
Concen: 48.969 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30



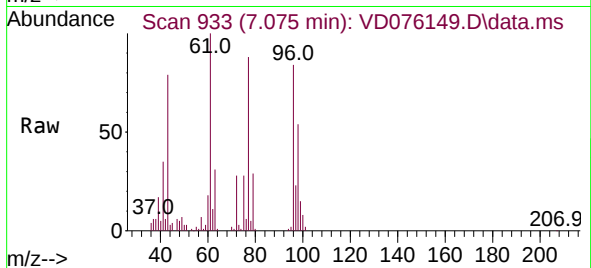
Tgt Ion: 77 Resp: 151262
Ion Ratio Lower Upper
77 100
97 25.9 11.1 33.1





#27
cis-1,2-Dichloroethene
Concen: 50.471 ug/l
RT: 7.075 min Scan# 911
Delta R.T. -0.006 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

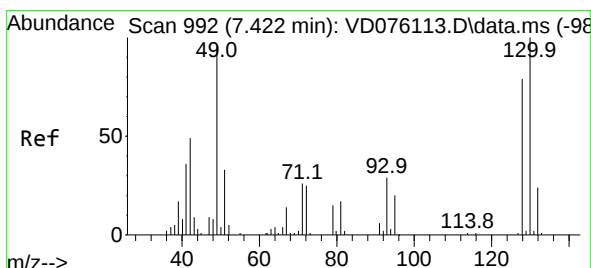
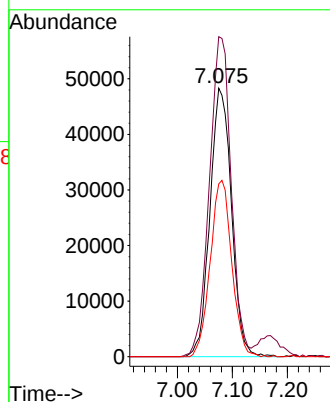
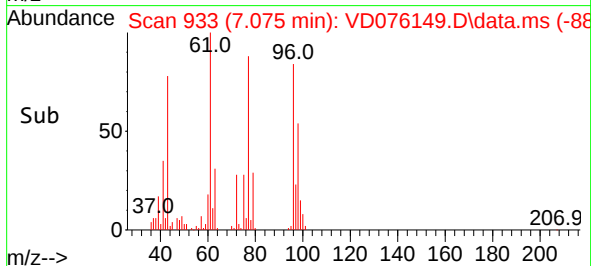
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 131620
Ion Ratio Lower Upper
96 100
61 120.7 0.0 295.2
98 65.6 0.0 129.2

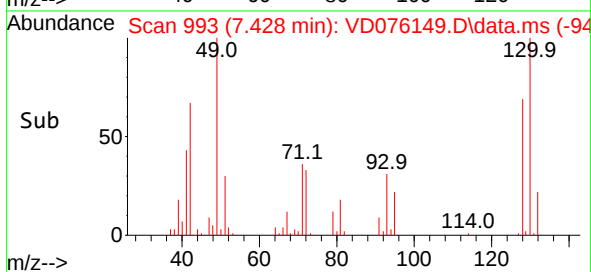
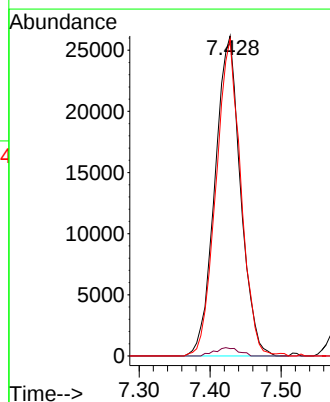
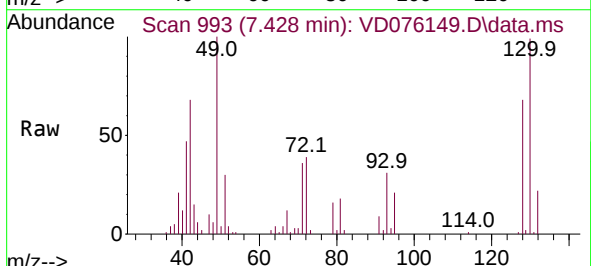
Manual Integrations
APPROVED

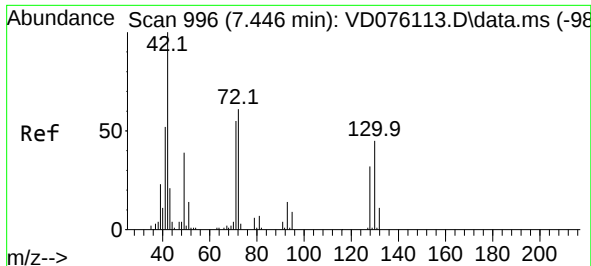
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#28
Bromochloromethane
Concen: 51.766 ug/l
RT: 7.428 min Scan# 993
Delta R.T. 0.006 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

Tgt Ion: 49 Resp: 65388
Ion Ratio Lower Upper
49 100
129 2.4 0.0 2.2#
130 96.2 56.0 84.0#





#29

Tetrahydrofuran

Concen: 284.605 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.006 min

Lab File: VD076149.D

Acq: 19 May 2023 10:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

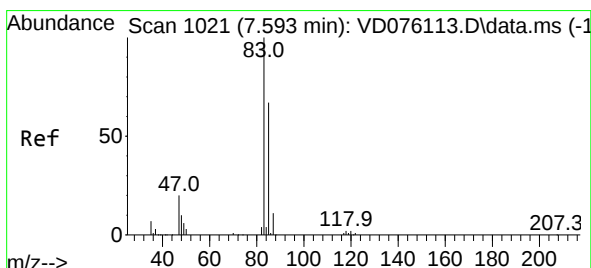
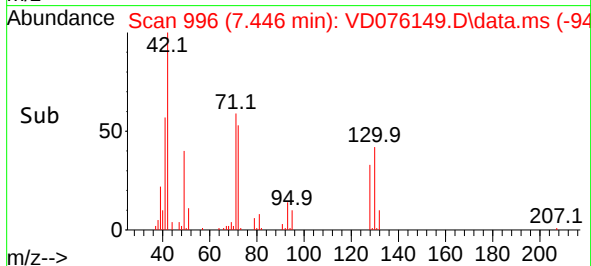
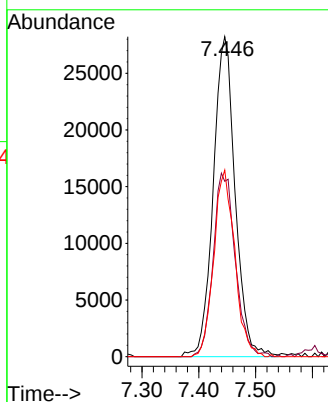
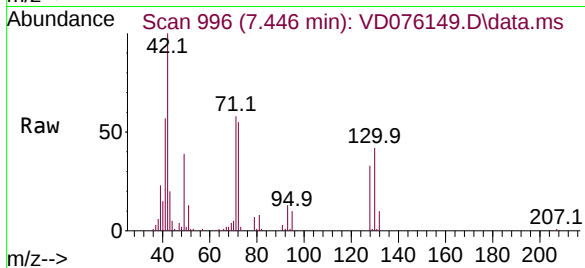
Tgt Ion: 42	Resp: 7566
Ion Ratio	Lower Upper
42	100
72	58.1 31.8 47.6
71	55.8 27.6 41.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#30

Chloroform

Concen: 50.924 ug/l

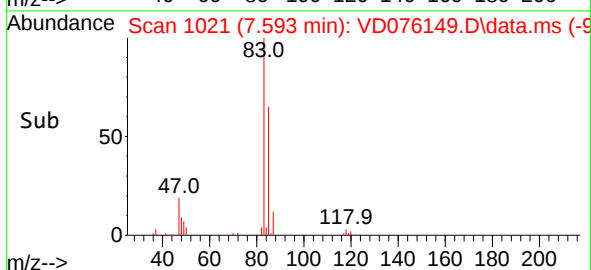
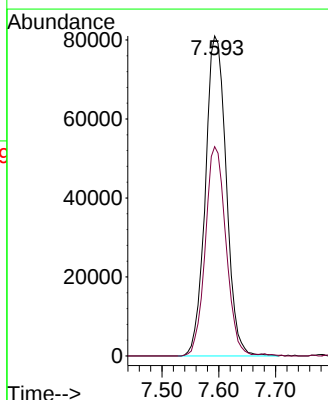
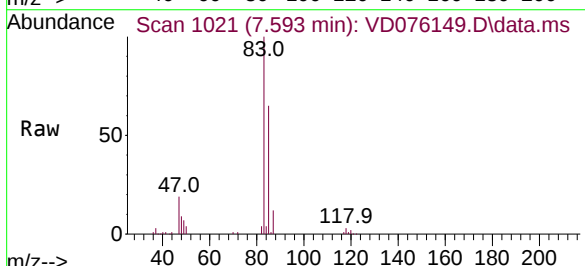
RT: 7.593 min Scan# 1021

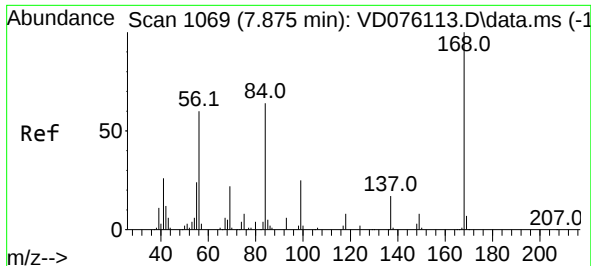
Delta R.T. -0.000 min

Lab File: VD076149.D

Acq: 19 May 2023 10:30

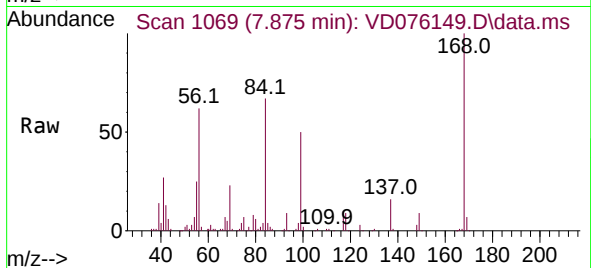
Tgt Ion: 83	Resp: 206296
Ion Ratio	Lower Upper
83	100
85	65.4 49.4 74.2





#31
Cyclohexane
Concen: 45.895 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

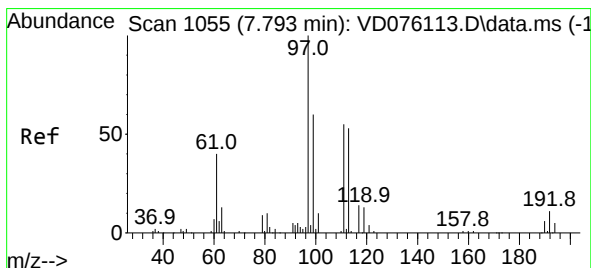
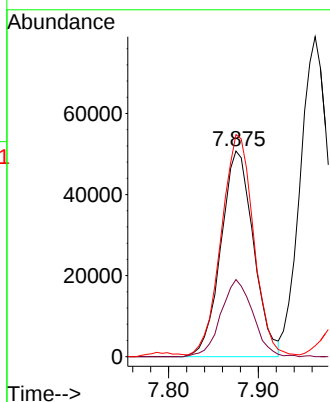
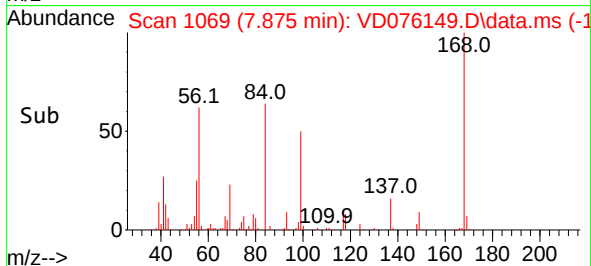
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



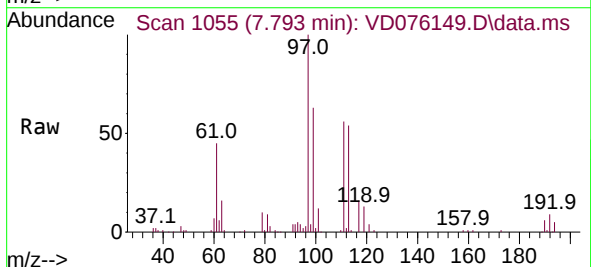
Tgt Ion: 56 Resp: 12816
Ion Ratio Lower Upper
56 100
69 37.5 25.5 38.3
84 106.7 69.6 104.4

Manual Integrations
APPROVED

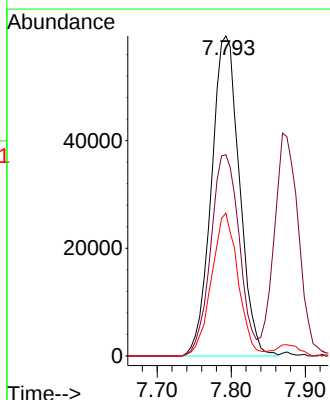
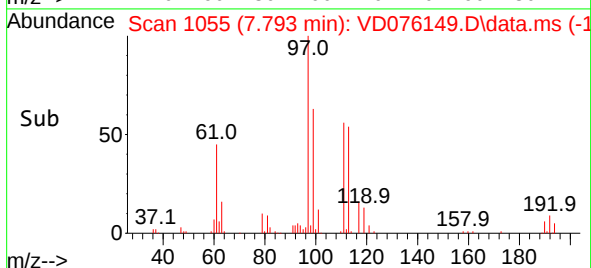
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

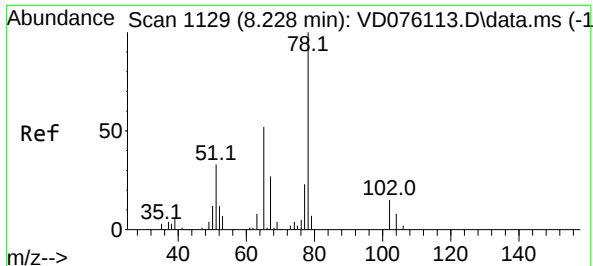


#32
1,1,1-Trichloroethane
Concen: 48.312 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30



Tgt Ion: 97 Resp: 155973
Ion Ratio Lower Upper
97 100
99 64.1 50.5 75.7
61 42.4 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 50.475 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD076149.D

Acq: 19 May 2023 10:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 92030

Ion Ratio Lower Upper

65 100

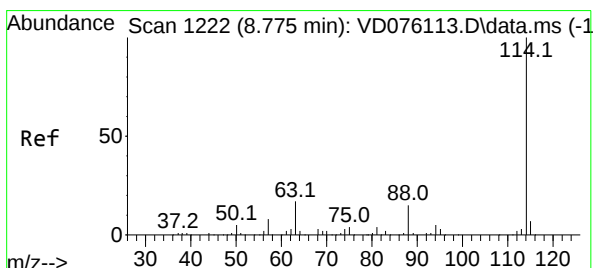
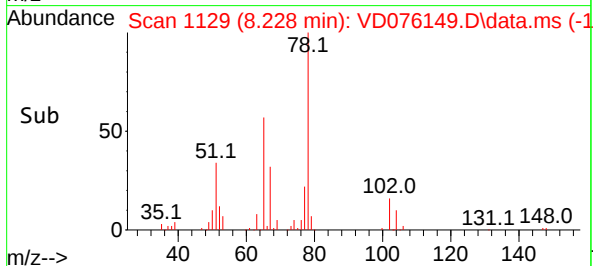
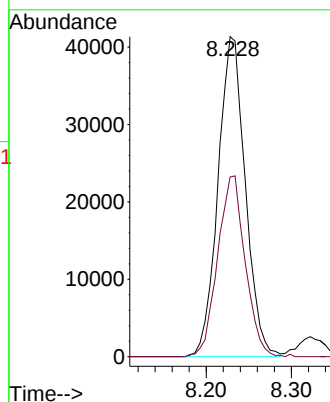
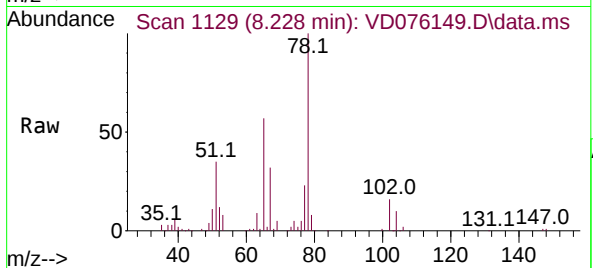
67 56.9 0.0 102.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD076149.D

Acq: 19 May 2023 10:30

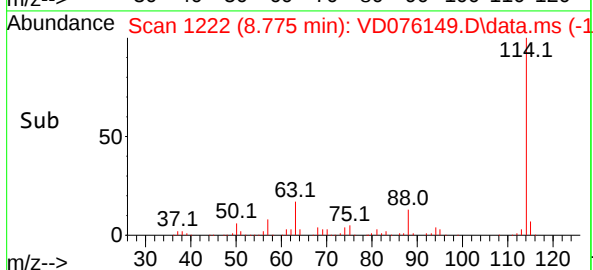
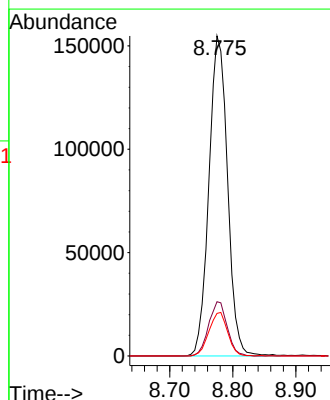
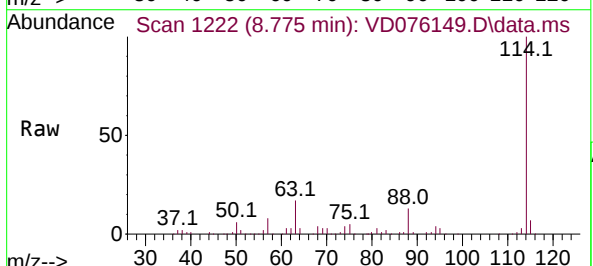
Tgt Ion:114 Resp: 316890

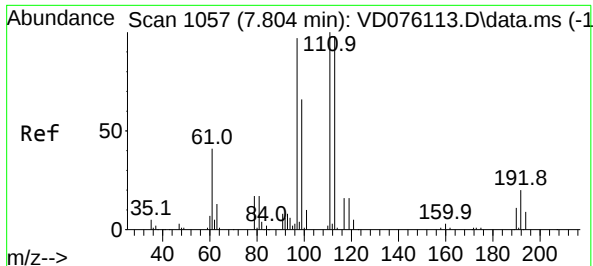
Ion Ratio Lower Upper

114 100

63 17.0 0.0 41.6

88 13.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 47.532 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD076149.D

Acq: 19 May 2023 10:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

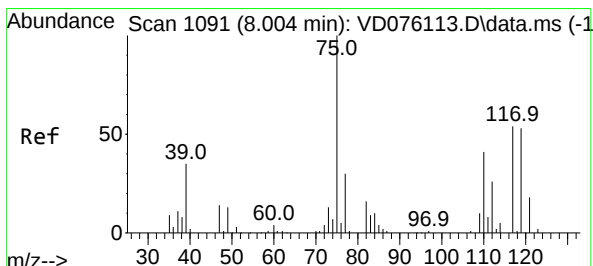
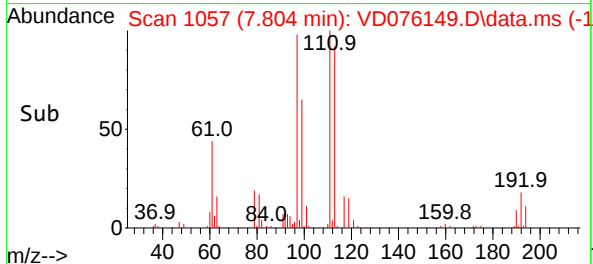
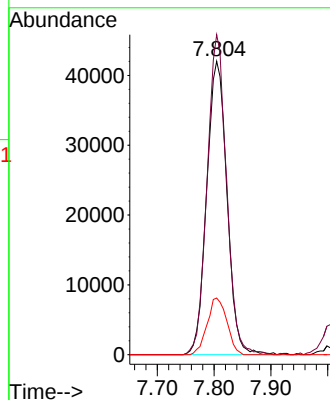
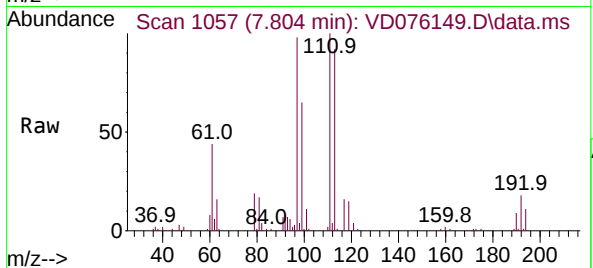
Tgt Ion:	113	Resp:	10411
Ion	Ratio	Lower	Upper
113	100		
111	104.4	81.4	122.0
192	18.7	15.2	22.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#36

1,1-Dichloropropene

Concen: 48.603 ug/l

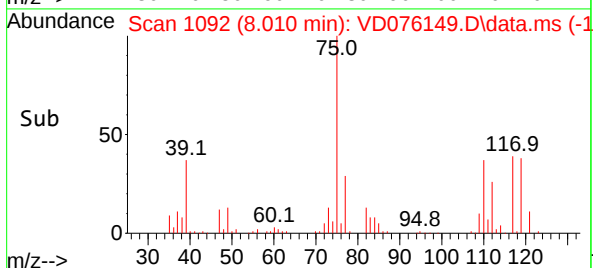
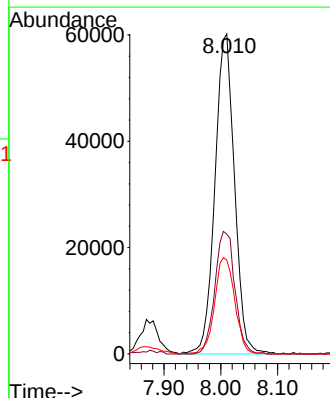
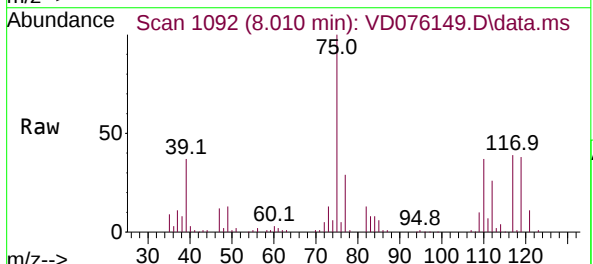
RT: 8.010 min Scan# 1092

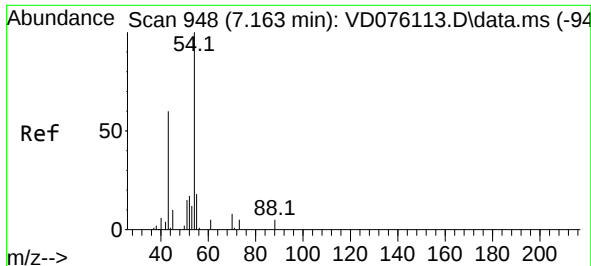
Delta R.T. 0.000 min

Lab File: VD076149.D

Acq: 19 May 2023 10:30

Tgt Ion:	75	Resp:	143780
Ion	Ratio	Lower	Upper
75	100		
110	39.3	17.1	51.2
77	31.2	24.6	36.8





#37

Ethyl Acetate

Concen: 52.548 ug/l

RT: 7.169 min Scan# 948

Delta R.T. 0.000 min

Lab File: VD076149.D

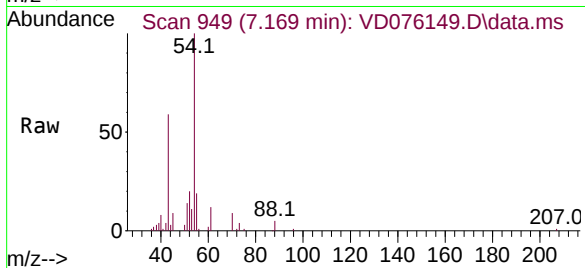
Acq: 19 May 2023 10:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050



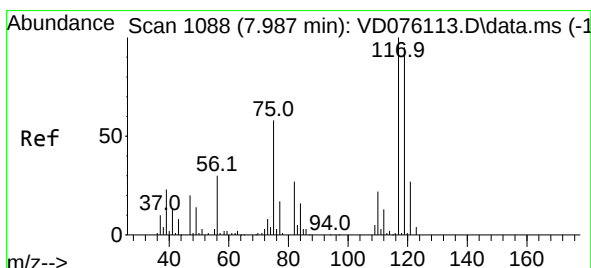
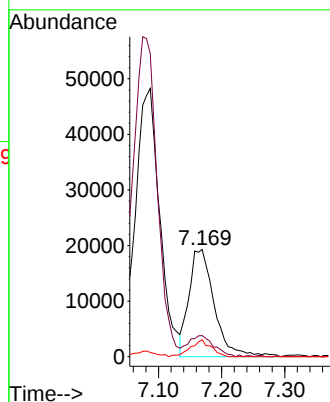
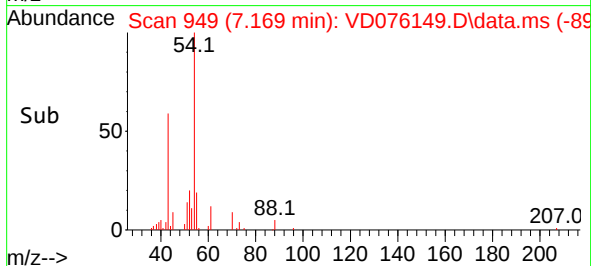
Tgt Ion:	43	Resp:	53829
Ion	Ratio	Lower	Upper
43	100		
61	19.9	0.0	0.0
70	12.8	5.6	8.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#38

Carbon Tetrachloride

Concen: 46.188 ug/l

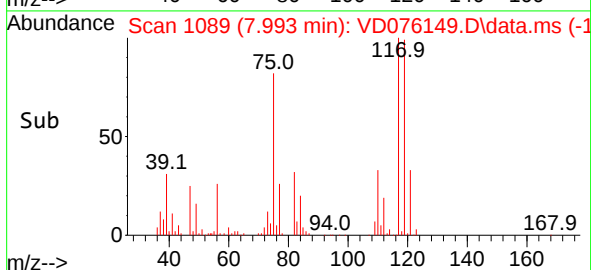
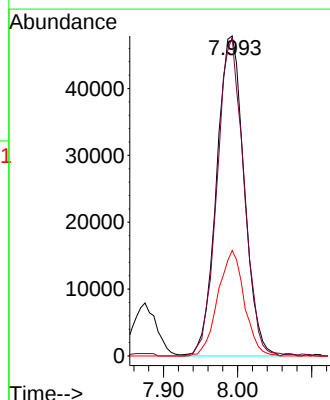
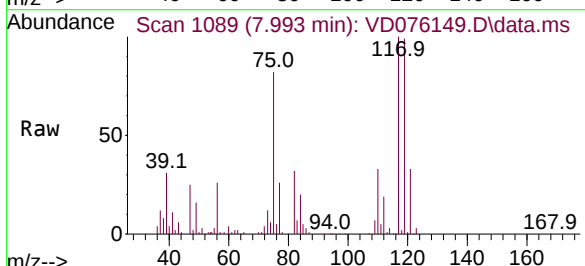
RT: 7.993 min Scan# 1089

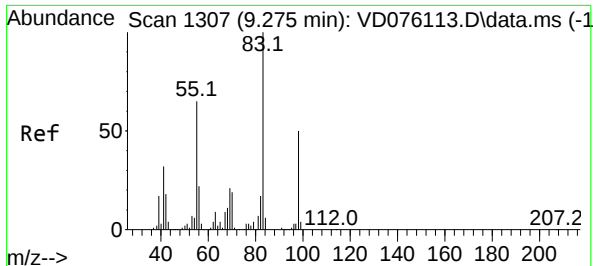
Delta R.T. -0.000 min

Lab File: VD076149.D

Acq: 19 May 2023 10:30

Tgt Ion:	117	Resp:	123418
Ion	Ratio	Lower	Upper
117	100		
119	99.5	74.7	112.1
121	32.9	25.9	38.9





#39

Methylcyclohexane

Concen: 45.362 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD076149.D

Acq: 19 May 2023 10:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

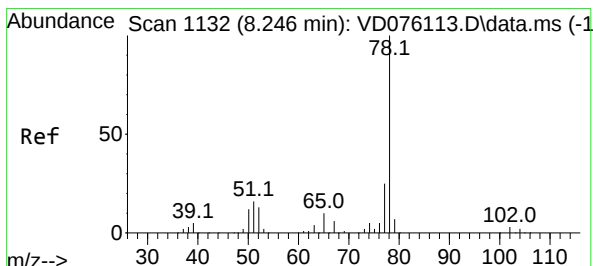
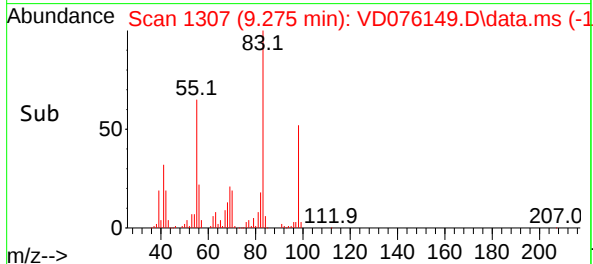
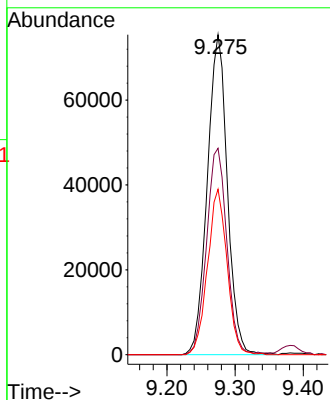
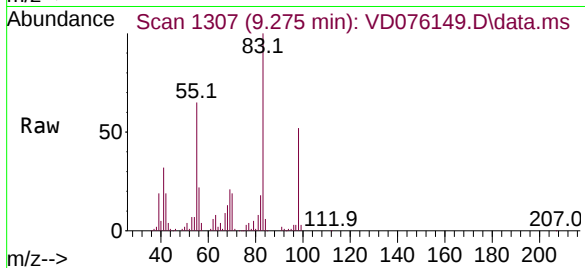
Tgt Ion:	83	Resp:	15449
Ion Ratio	Lower	Upper	
83	100		
55	64.5	56.8	85.2
98	51.7	38.9	58.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#40

Benzene

Concen: 49.069 ug/l

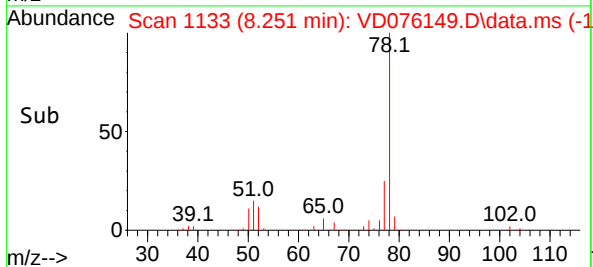
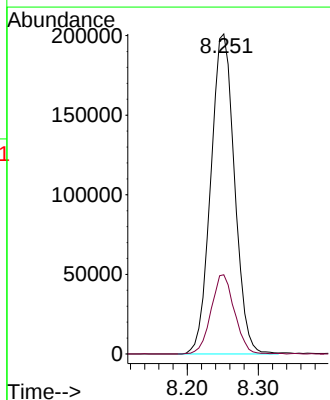
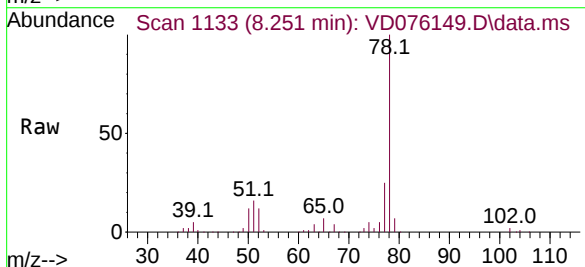
RT: 8.251 min Scan# 1133

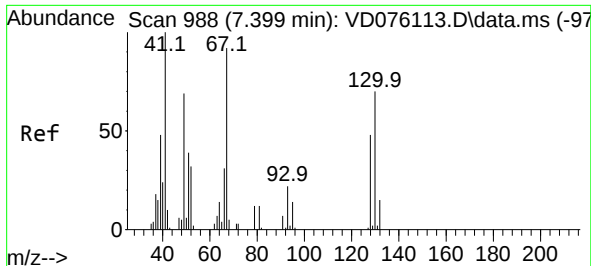
Delta R.T. -0.001 min

Lab File: VD076149.D

Acq: 19 May 2023 10:30

Tgt Ion:	78	Resp:	466692
Ion Ratio	Lower	Upper	
78	100		
77	24.7	19.1	28.7





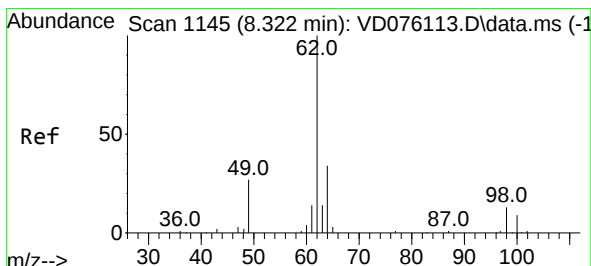
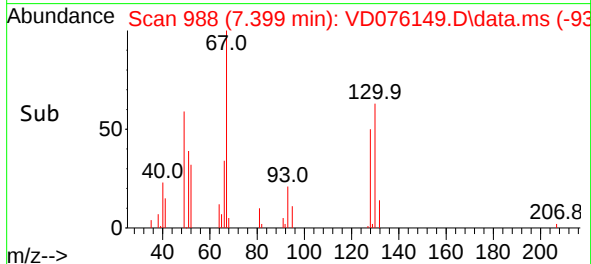
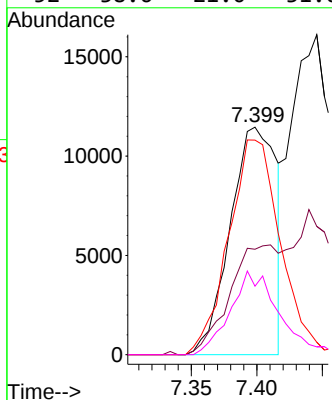
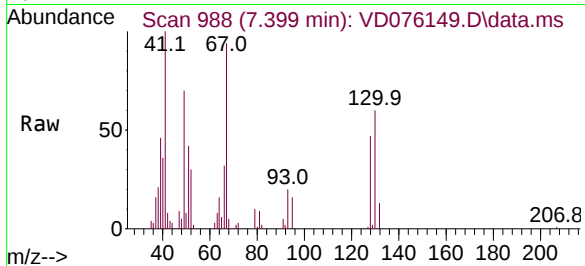
#41
Methacrylonitrile
Concen: 49.867 ug/l
RT: 7.399 min Scan# 988
Delta R.T. -0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 28010
Ion Ratio Lower Upper
41 100
39 50.6 45.3 67.9
67 107.3 50.5 75.7
52 38.6 21.0 31.6#

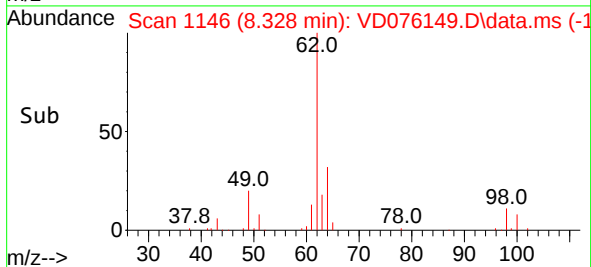
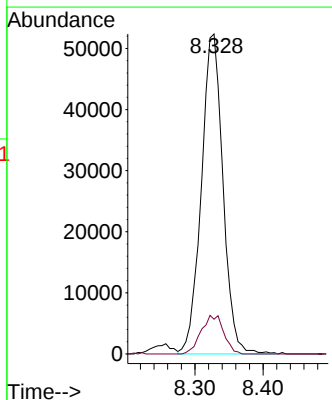
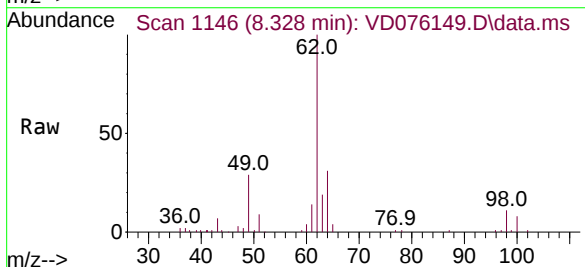
Manual Integrations
APPROVED

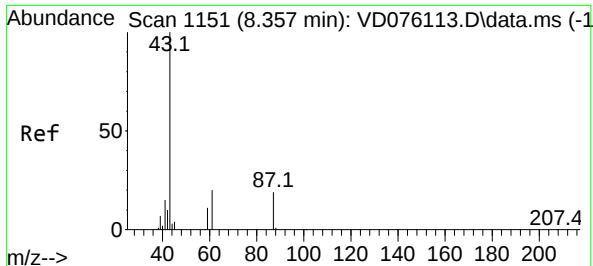
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#42
1,2-Dichloroethane
Concen: 51.414 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

Tgt Ion: 62 Resp: 115660
Ion Ratio Lower Upper
62 100
98 12.6 0.0 18.8





#43

Isopropyl Acetate

Concen: 49.553 ug/l

RT: 8.357 min Scan# 1151

Delta R.T. 0.000 min

Lab File: VD076149.D

Acq: 19 May 2023 10:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

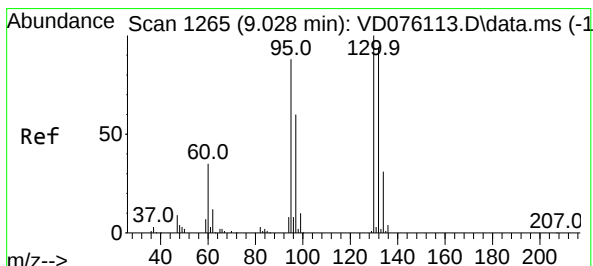
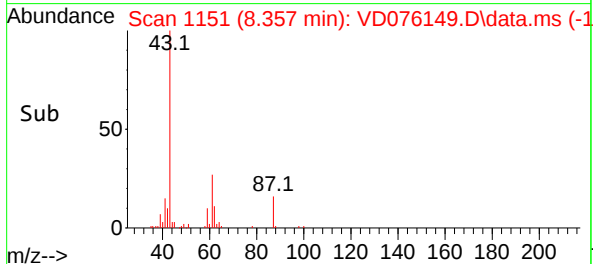
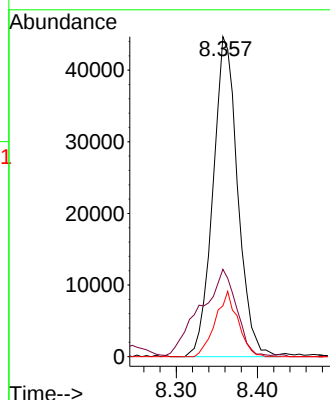
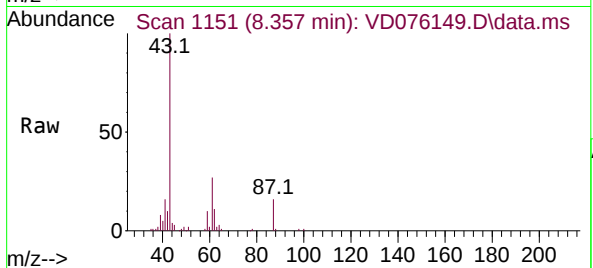
Tgt Ion: 43	Resp: 9482
Ion Ratio	Lower Upper
43 100	
61 38.5	23.4 35.0
87 18.6	9.5 14.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#44

Trichloroethene

Concen: 44.253 ug/l

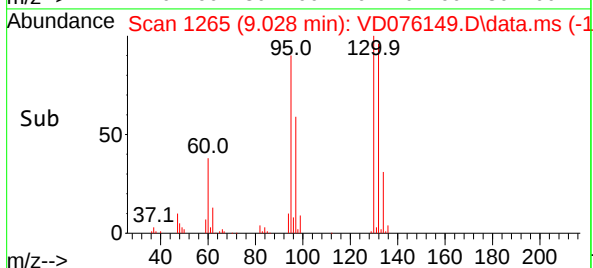
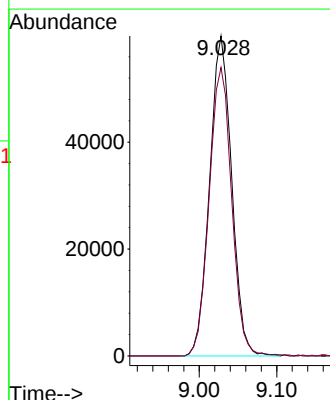
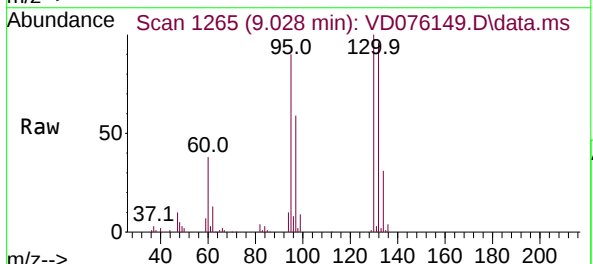
RT: 9.028 min Scan# 1265

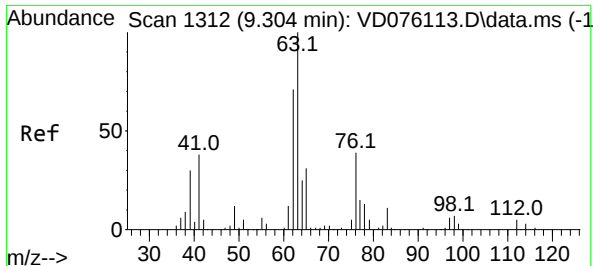
Delta R.T. -0.000 min

Lab File: VD076149.D

Acq: 19 May 2023 10:30

Tgt Ion:130	Resp: 118613
Ion Ratio	Lower Upper
130 100	
95 90.1	0.0 197.6





#45

1,2-Dichloropropane

Concen: 49.603 ug/l

RT: 9.304 min Scan# 11636

Delta R.T. 0.000 min

Lab File: VD076149.D

Acq: 19 May 2023 10:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 11636

Ion Ratio Lower Upper

63 100

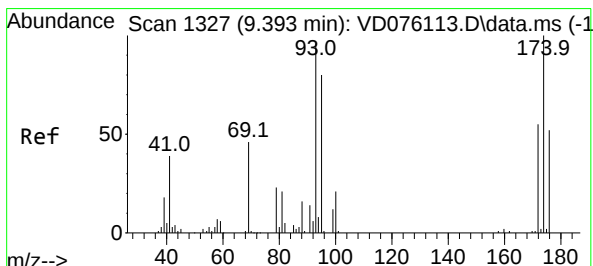
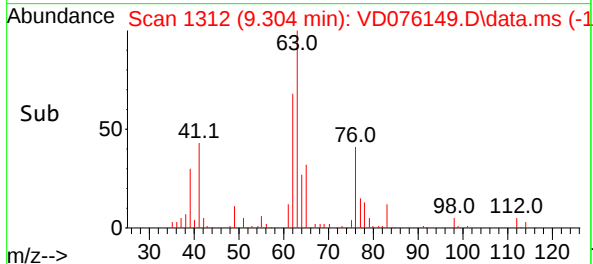
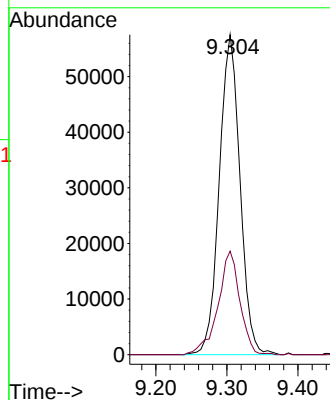
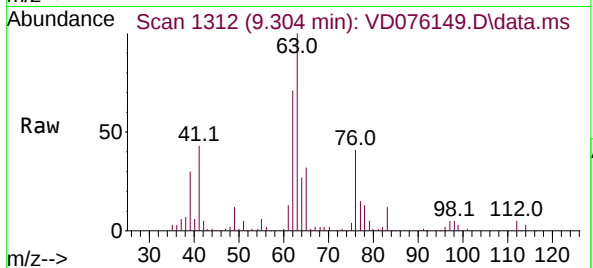
65 32.4 23.0 34.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#46

Dibromomethane

Concen: 51.186 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD076149.D

Acq: 19 May 2023 10:30

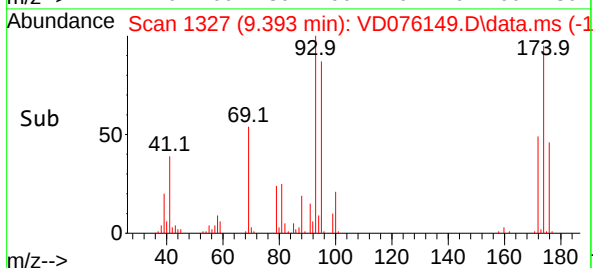
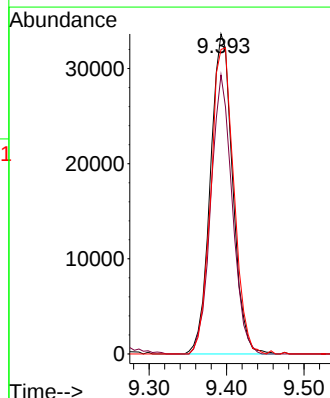
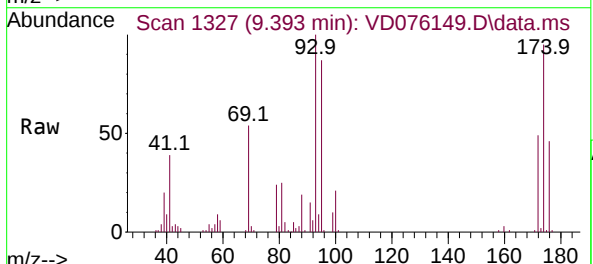
Tgt Ion: 93 Resp: 67308

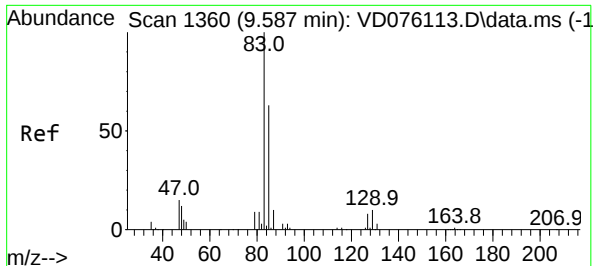
Ion Ratio Lower Upper

93 100

95 83.7 64.5 96.7

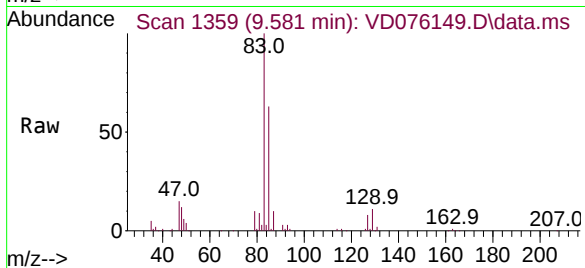
174 98.6 76.2 114.4





#47
Bromodichloromethane
Concen: 50.262 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.006 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

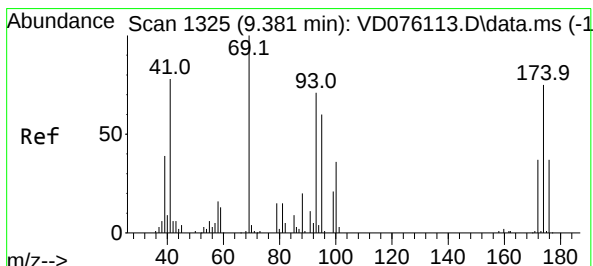
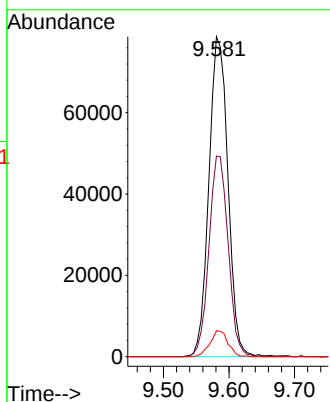
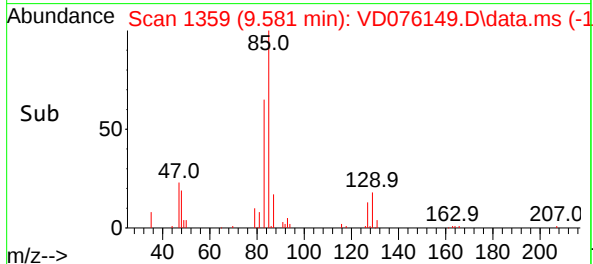
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



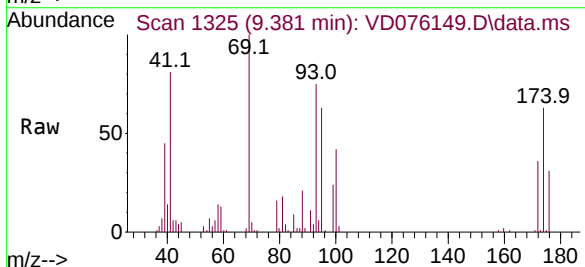
Tgt Ion: 83 Resp: 15884
Ion Ratio Lower Upper
83 100
85 62.7 53.7 80.5
127 8.1 7.0 10.6

Manual Integrations
APPROVED

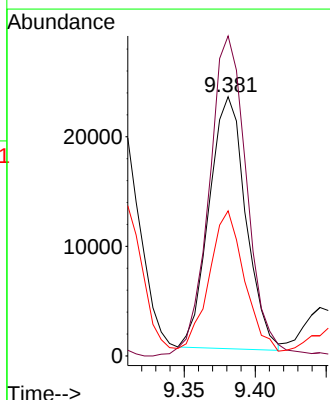
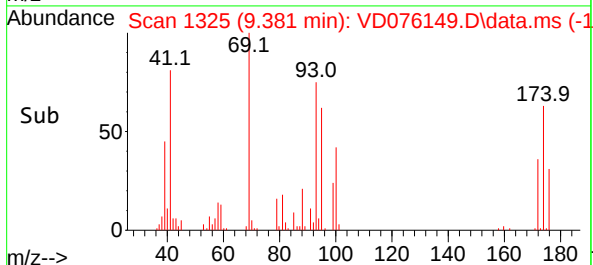
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

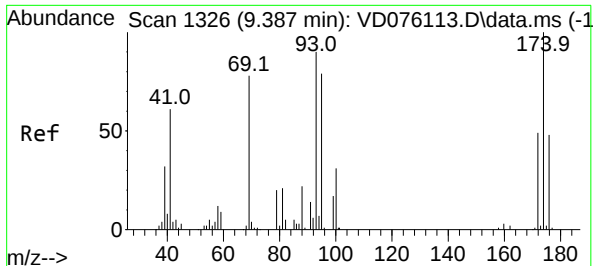


#48
Methyl methacrylate
Concen: 48.862 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30



Tgt Ion: 41 Resp: 41382
Ion Ratio Lower Upper
41 100
69 131.1 58.6 88.0#
39 58.0 53.4 80.0





#49

1,4-Dioxane

Concen: 1093.255 ug/l

RT: 9.387 min Scan# 1326

Delta R.T. 0.006 min

Lab File: VD076149.D

Acq: 19 May 2023 10:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

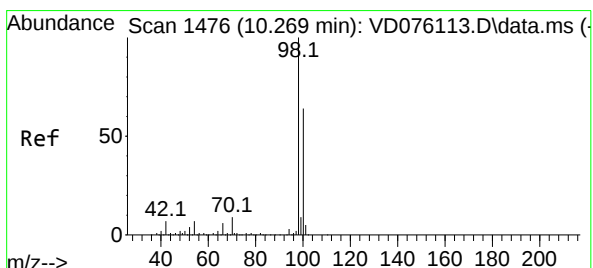
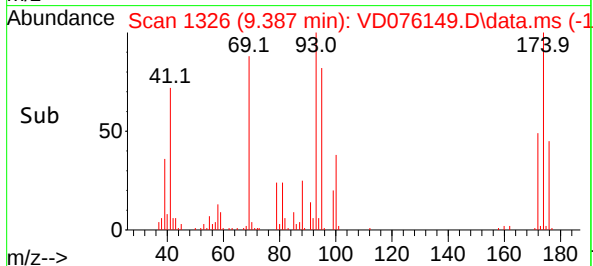
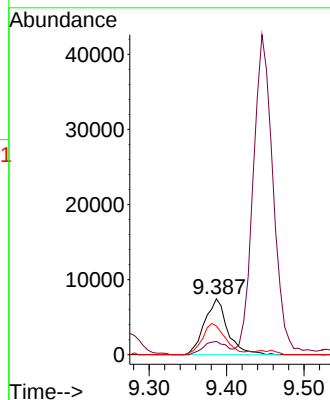
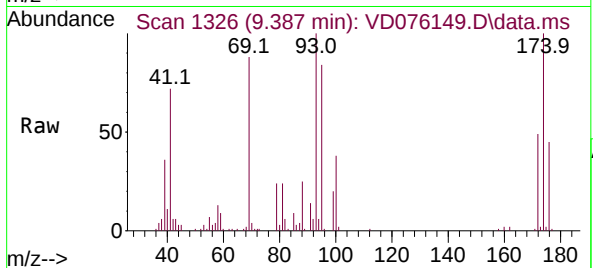
Tgt Ion: 88 Resp: 1537
 Ion Ratio Lower Upper
 88 100
 43 25.0 34.6 51.8
 58 55.2 58.0 87.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#50

Toluene-d8

Concen: 48.607 ug/l

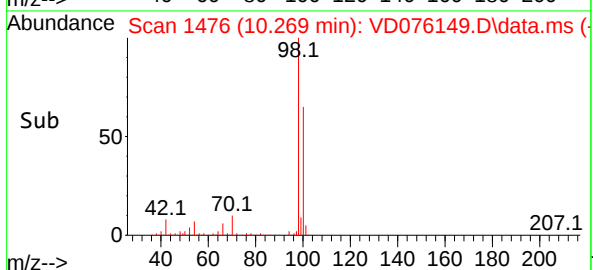
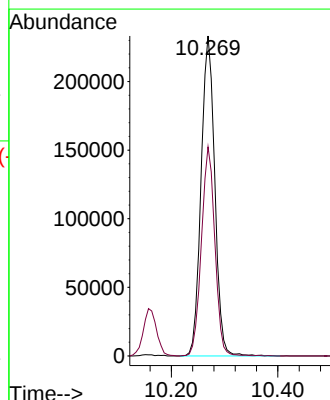
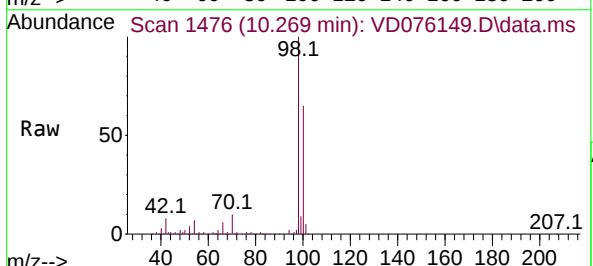
RT: 10.269 min Scan# 1476

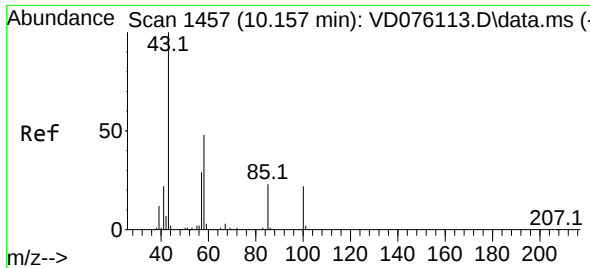
Delta R.T. 0.000 min

Lab File: VD076149.D

Acq: 19 May 2023 10:30

Tgt Ion: 98 Resp: 415046
 Ion Ratio Lower Upper
 98 100
 100 64.3 52.1 78.1





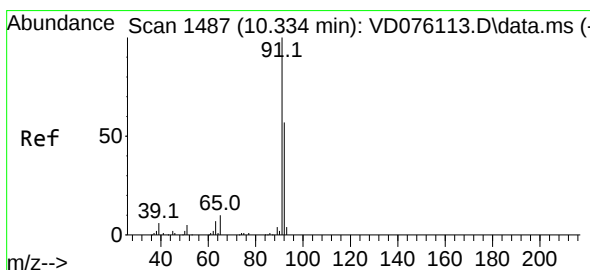
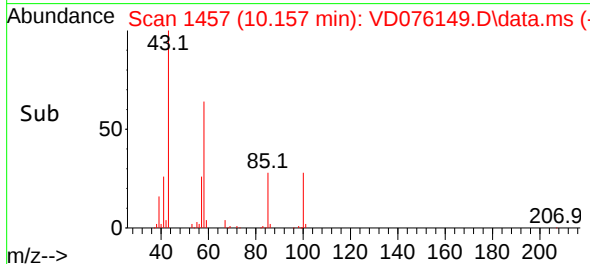
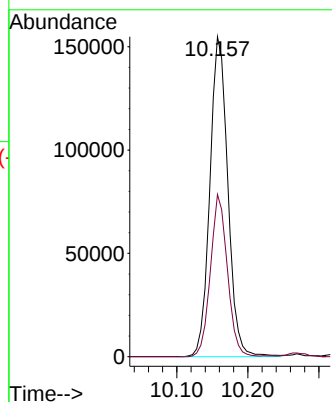
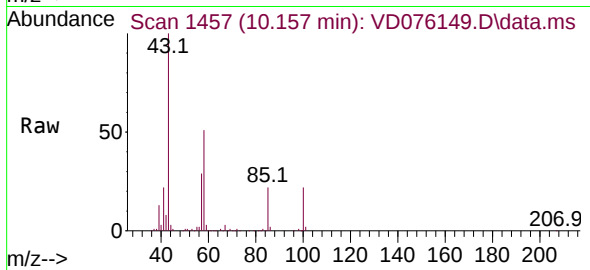
#51
4-Methyl-2-Pentanone
Concen: 267.266 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 272000
Ion Ratio Lower Upper
43 100
58 47.9 29.5 44.3

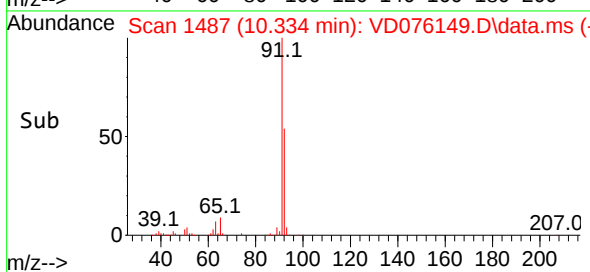
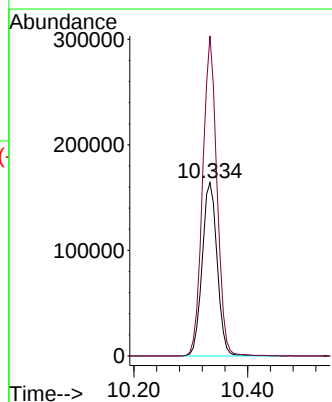
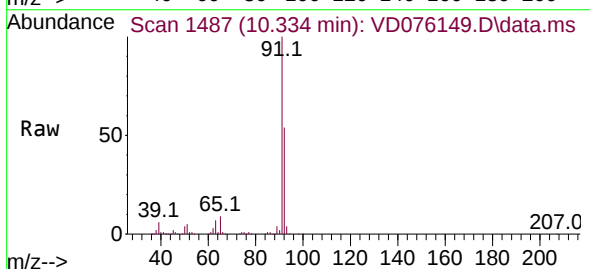
Manual Integrations
APPROVED

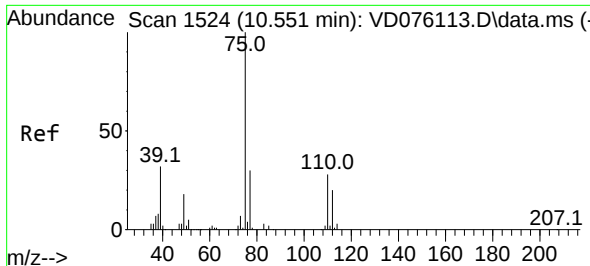
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#52
Toluene
Concen: 50.591 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

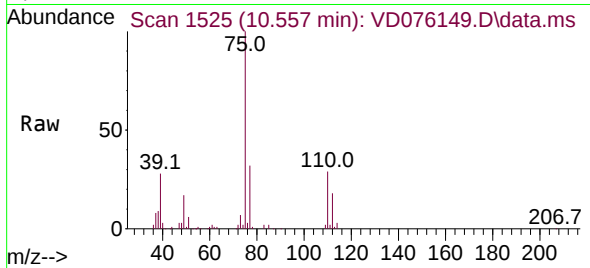
Tgt Ion: 92 Resp: 300516
Ion Ratio Lower Upper
92 100
91 176.2 136.5 204.7





#53
t-1,3-Dichloropropene
Concen: 51.612 ug/l
RT: 10.557 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

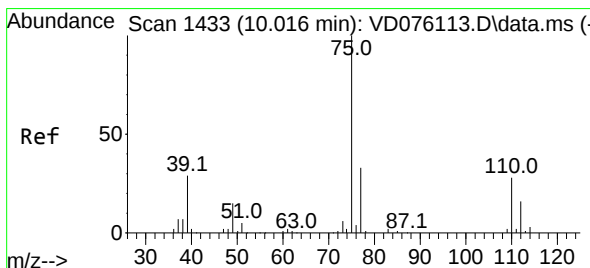
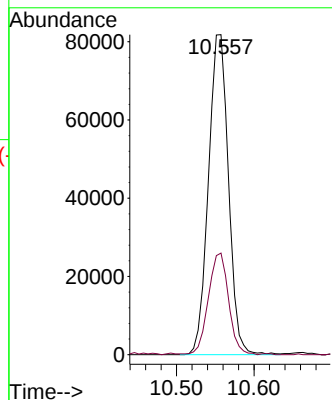
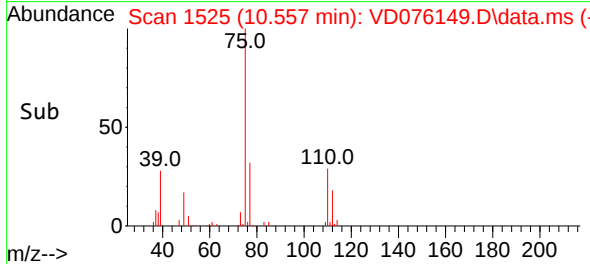
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 14700
Ion Ratio Lower Upper
75 100
77 31.7 26.3 39.5

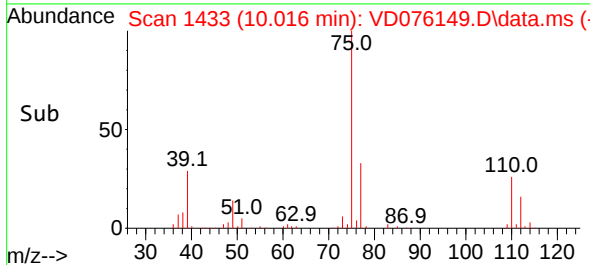
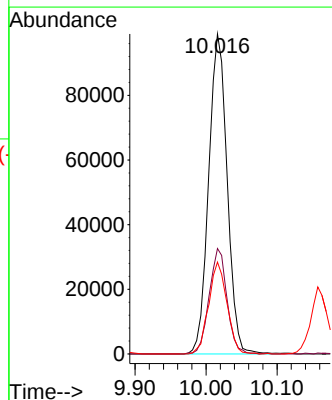
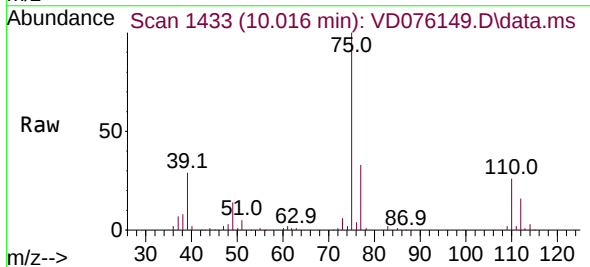
Manual Integrations
APPROVED

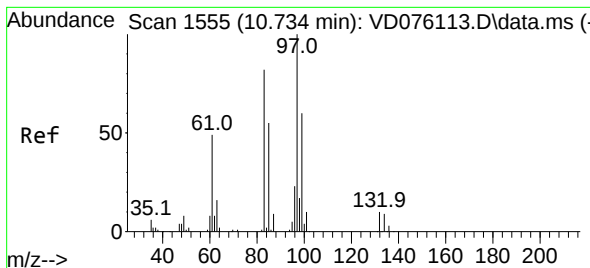
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#54
cis-1,3-Dichloropropene
Concen: 51.537 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

Tgt Ion: 75 Resp: 179146
Ion Ratio Lower Upper
75 100
77 32.9 25.6 38.4
39 28.7 44.8 67.2#





#55

1,1,2-Trichloroethane

Concen: 52.959 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD076149.D

Acq: 19 May 2023 10:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 9986

Ion Ratio Lower Upper

97 100

83 81.2 74.2 111.4

85 53.7 45.4 68.0

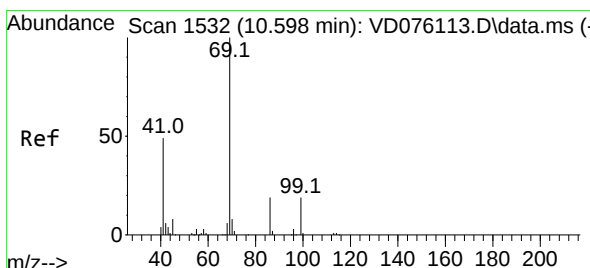
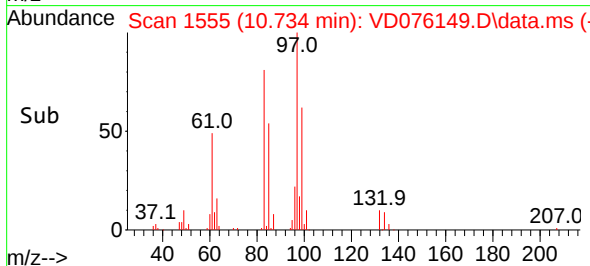
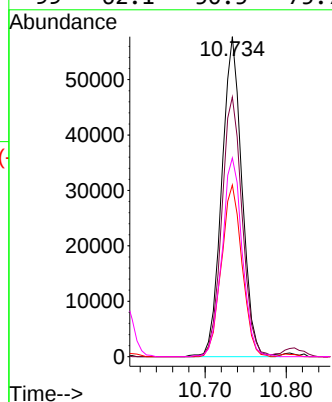
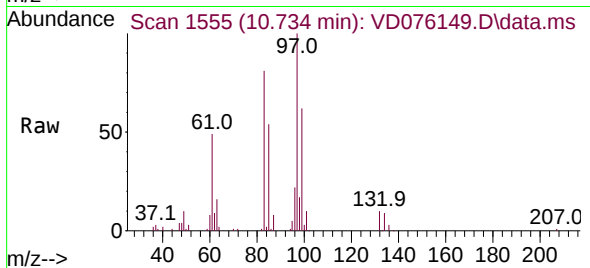
99 62.1 50.5 75.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#56

Ethyl methacrylate

Concen: 53.622 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD076149.D

Acq: 19 May 2023 10:30

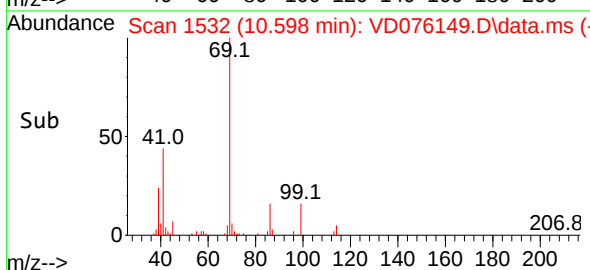
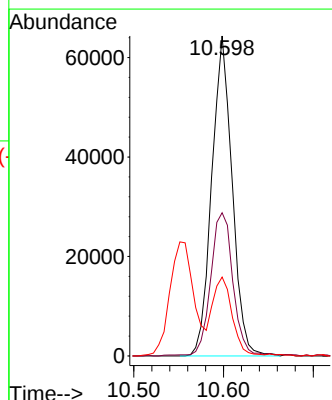
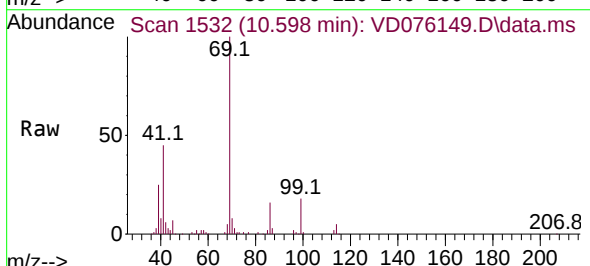
Tgt Ion: 69 Resp: 101635

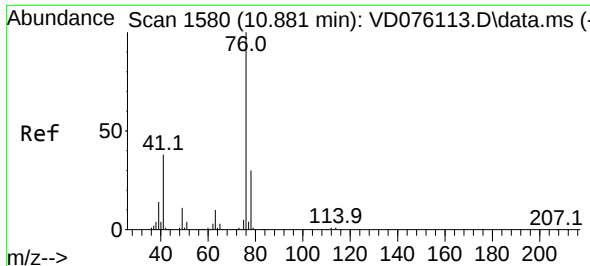
Ion Ratio Lower Upper

69 100

41 49.2 59.3 88.9#

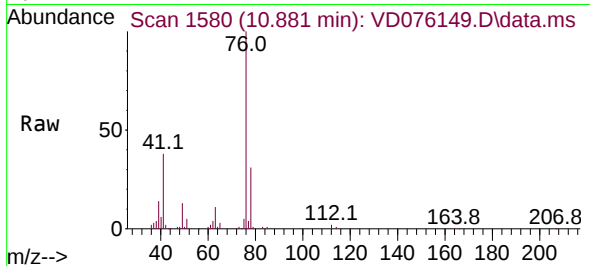
39 22.8 36.0 54.0#





#57
1,3-Dichloropropane
Concen: 51.924 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

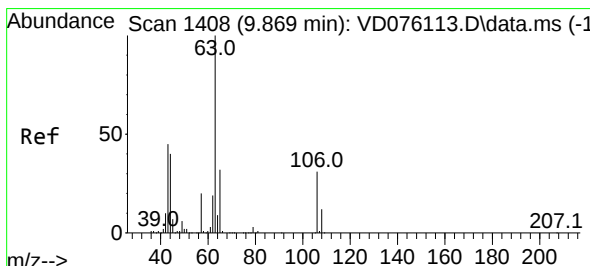
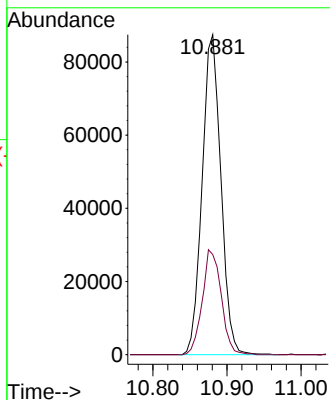
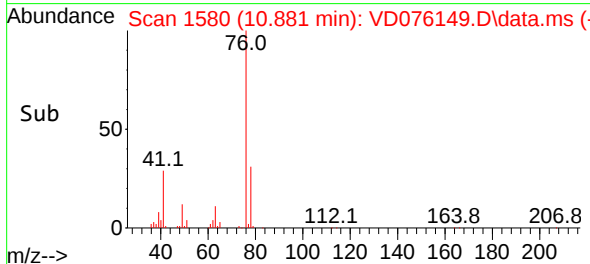
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



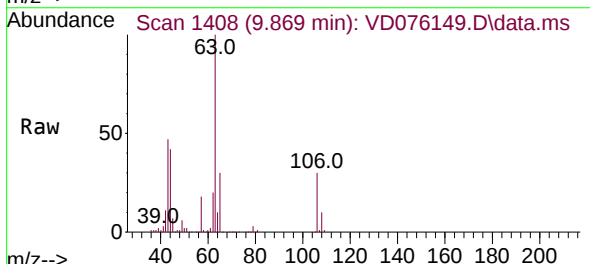
Tgt Ion: 76 Resp: 153614
Ion Ratio Lower Upper
76 100
78 33.1 25.6 38.4

Manual Integrations
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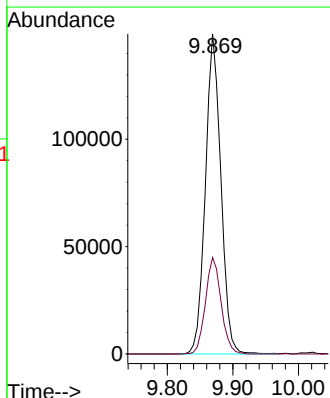
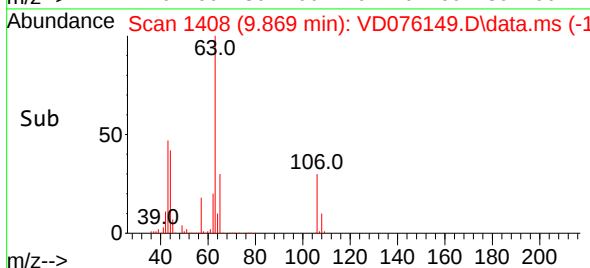
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

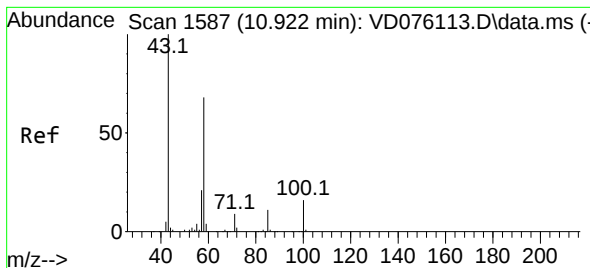


#58
2-Chloroethyl Vinyl ether
Concen: 269.529 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30



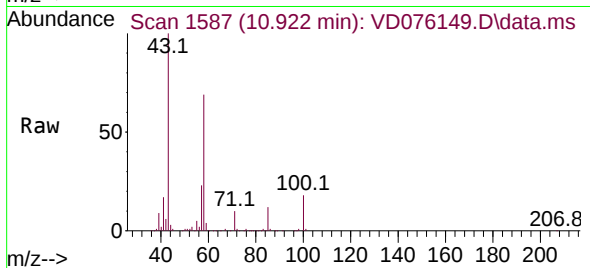
Tgt Ion: 63 Resp: 245114
Ion Ratio Lower Upper
63 100
106 30.4 21.4 32.2





#59
2-Hexanone
Concen: 269.770 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

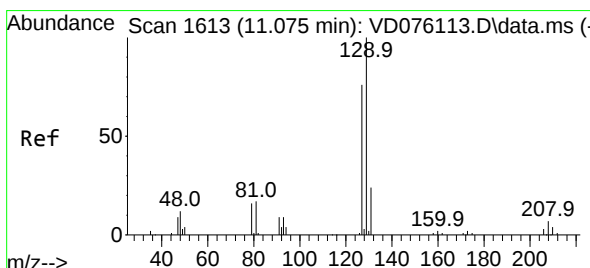
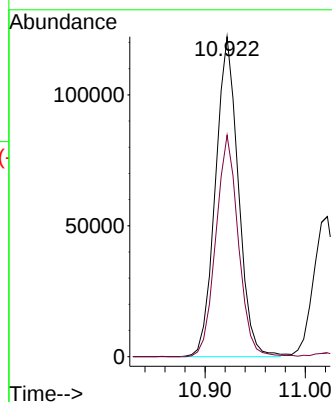
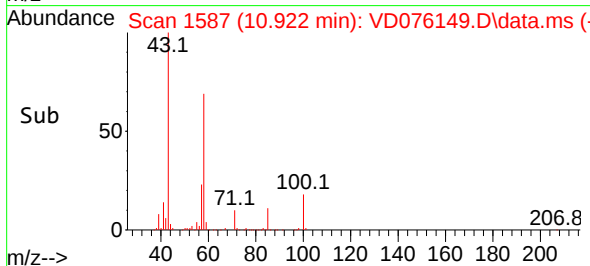
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



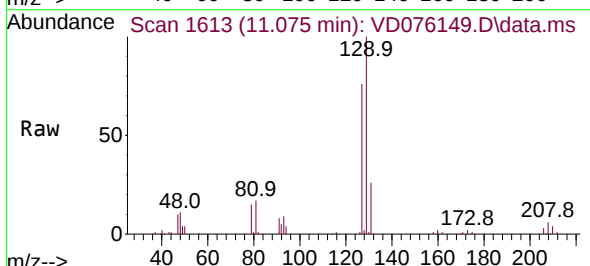
Tgt Ion: 43 Resp: 193623
Ion Ratio Lower Upper
43 100
58 68.1 25.3 75.8

Manual Integrations
APPROVED

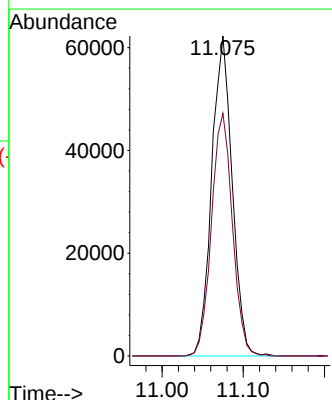
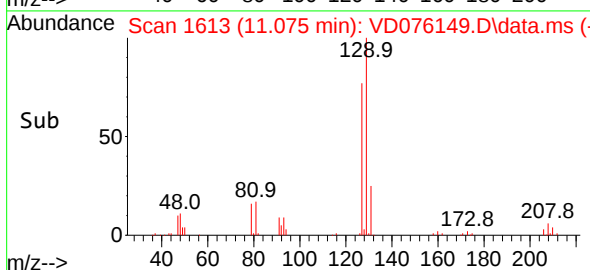
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

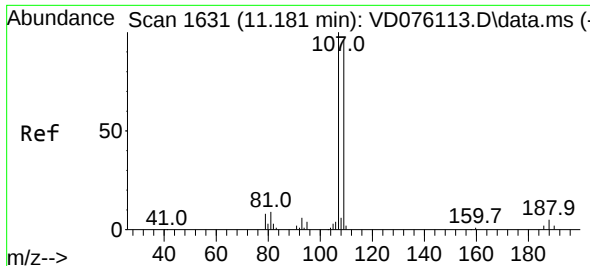


#60
Dibromochloromethane
Concen: 51.402 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30



Tgt Ion:129 Resp: 108988
Ion Ratio Lower Upper
129 100
127 77.6 38.1 114.5





#61
1,2-Dibromoethane
Concen: 52.425 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.006 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

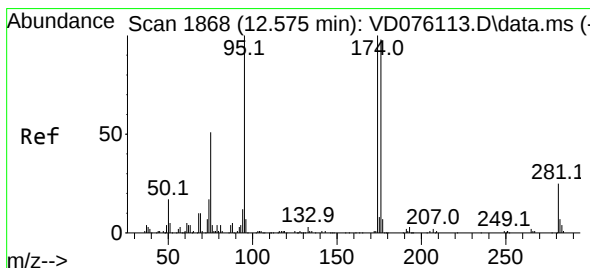
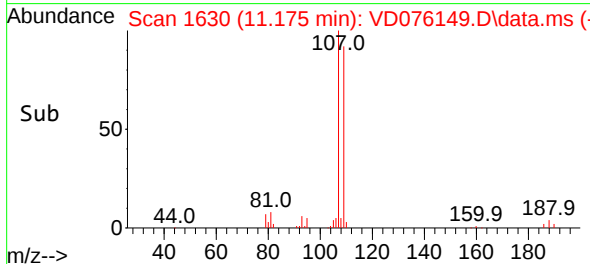
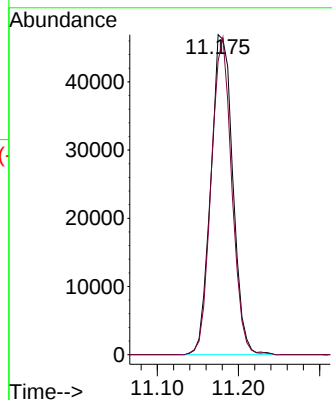
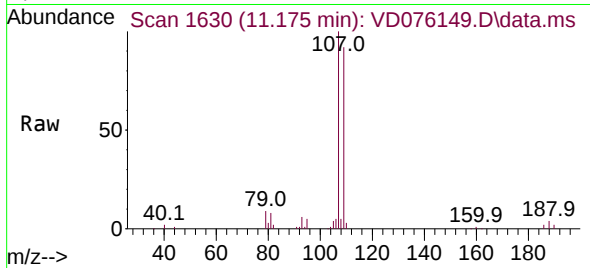
Tgt Ion:107 Resp: 87939
Ion Ratio Lower Upper
107 100
109 93.1 73.6 110.4

Manual Integrations

APPROVED

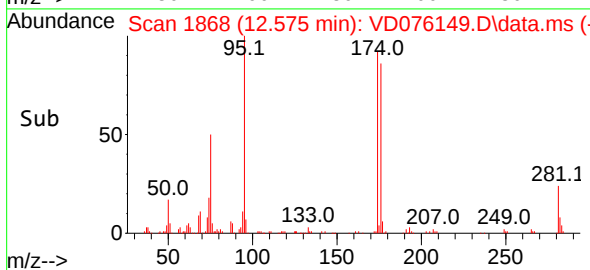
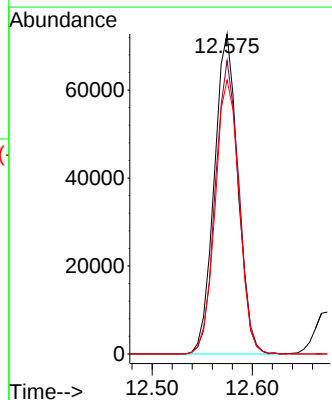
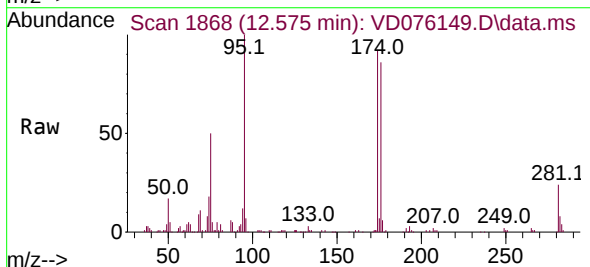
Reviewed By :Krupa Patel 05/22/2023

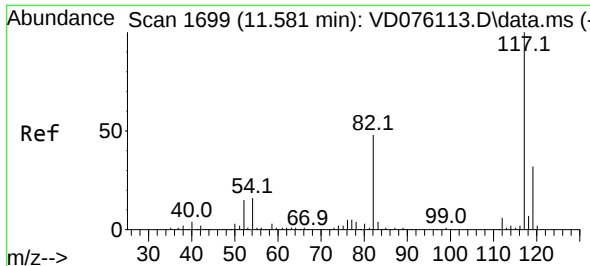
Supervised By :Mahesh Dadoda 05/22/2023



#62
4-Bromofluorobenzene
Concen: 50.109 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

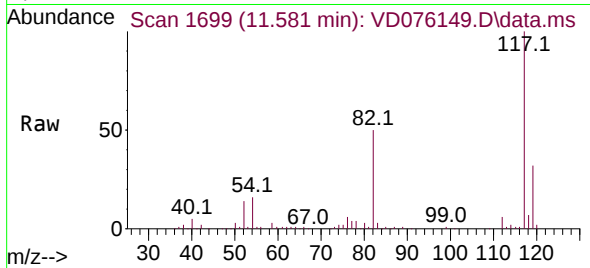
Tgt Ion: 95 Resp: 118855
Ion Ratio Lower Upper
95 100
174 91.6 0.0 164.0
176 87.0 0.0 156.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

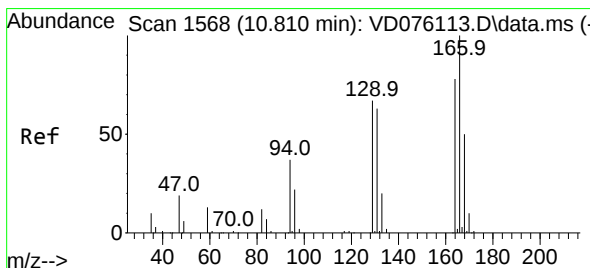
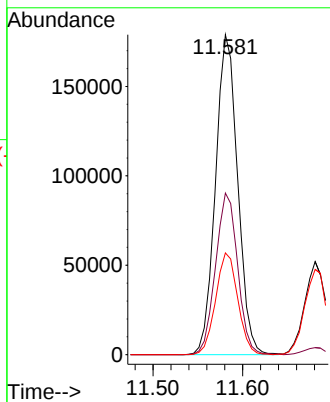
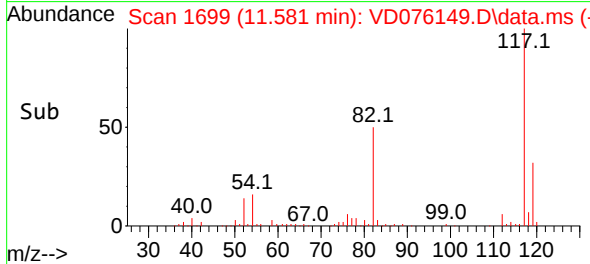
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



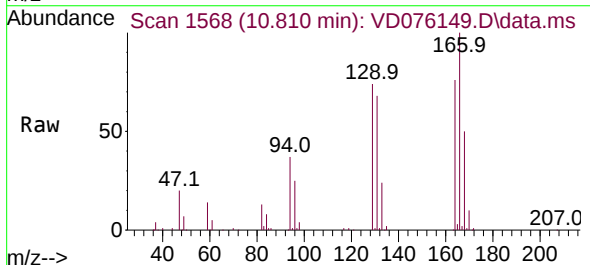
Tgt Ion:117 Resp: 30698
Ion Ratio Lower Upper
117 100
82 50.5 44.0 66.0
119 31.8 25.1 37.7

Manual Integrations
APPROVED

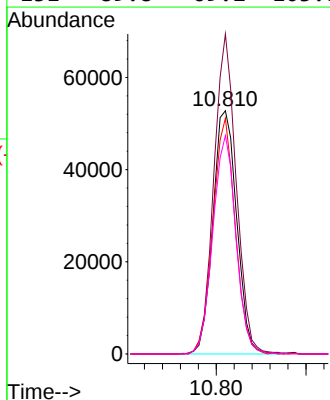
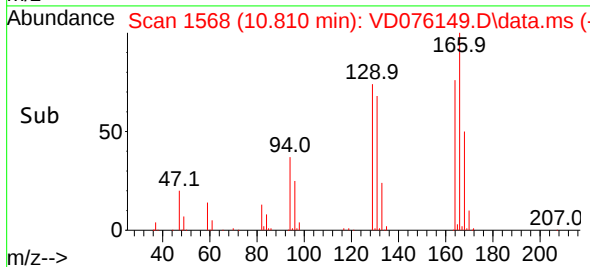
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

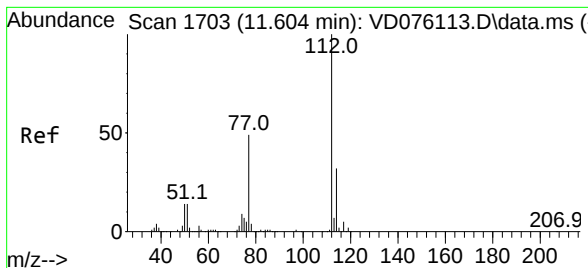


#64
Tetrachloroethene
Concen: 41.203 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30



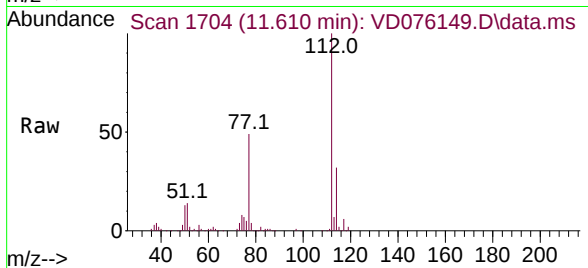
Tgt Ion:164 Resp: 97265
Ion Ratio Lower Upper
164 100
166 131.6 94.9 142.3
129 96.9 73.0 109.6
131 89.8 69.2 103.8





#65
Chlorobenzene
Concen: 46.459 ug/l
RT: 11.610 min Scan# 11610
Delta R.T. 0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

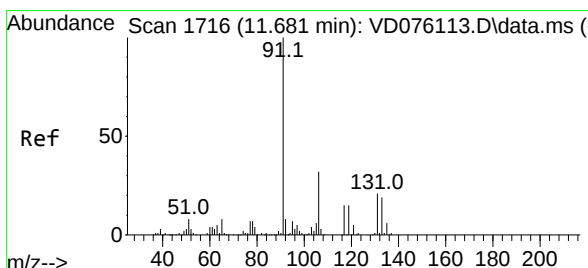
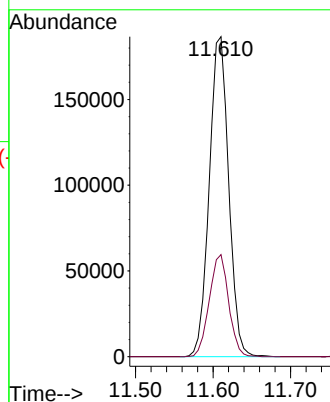
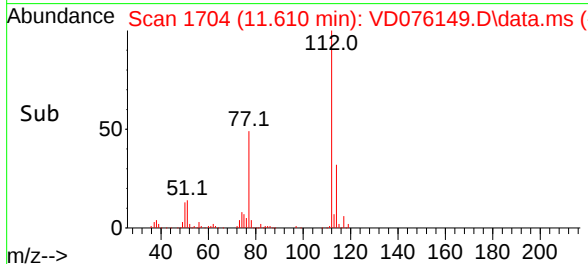
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



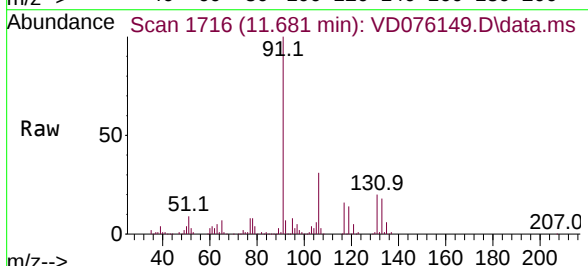
Tgt Ion:112 Resp: 324694
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.8

Manual Integrations
APPROVED

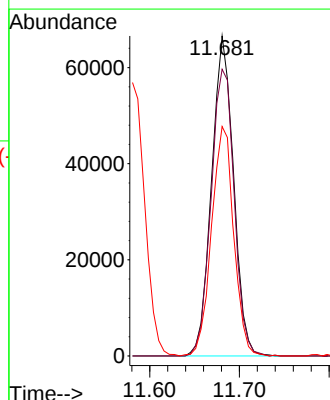
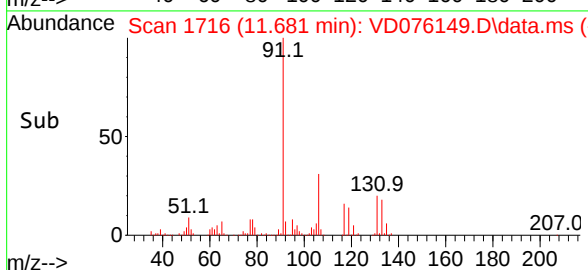
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

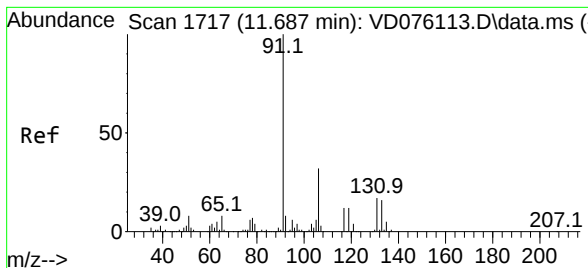


#66
1,1,1,2-Tetrachloroethane
Concen: 46.994 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30



Tgt Ion:131 Resp: 113025
Ion Ratio Lower Upper
131 100
133 94.5 46.7 140.0
119 72.6 31.9 95.9





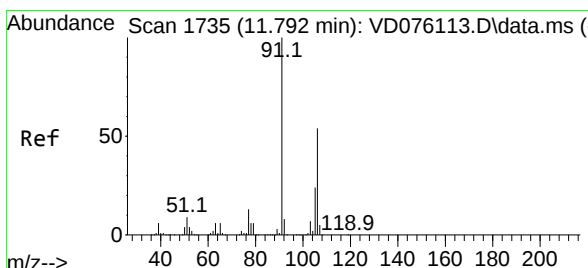
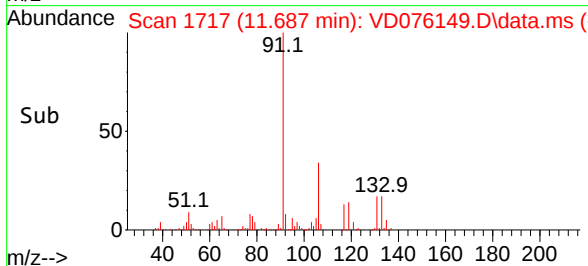
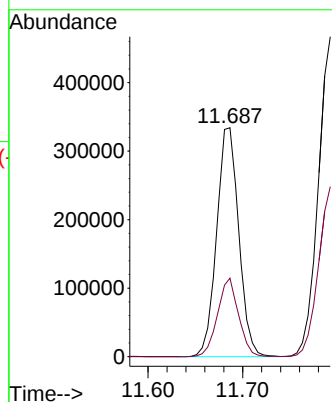
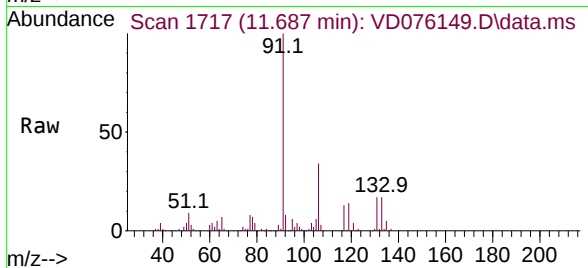
#67
Ethyl Benzene
Concen: 48.628 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 543048
Ion Ratio Lower Upper
91 100
106 34.3 24.5 36.7

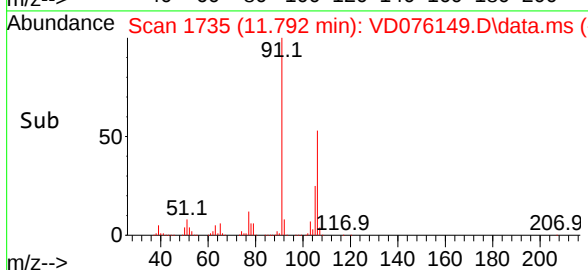
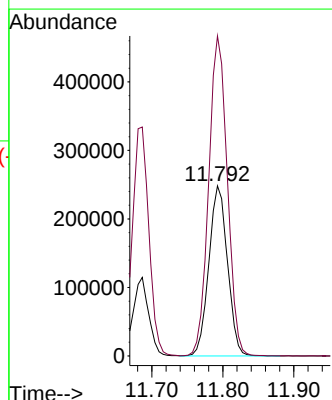
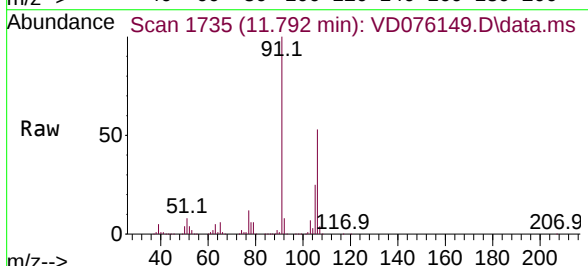
Manual Integrations
APPROVED

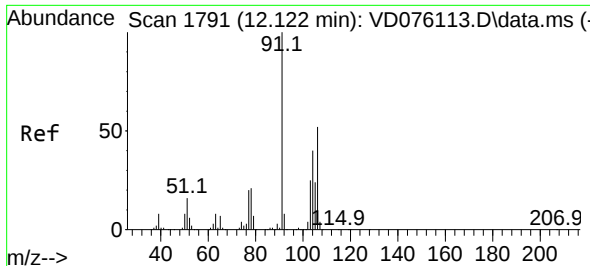
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#68
m/p-Xylenes
Concen: 98.997 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.001 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

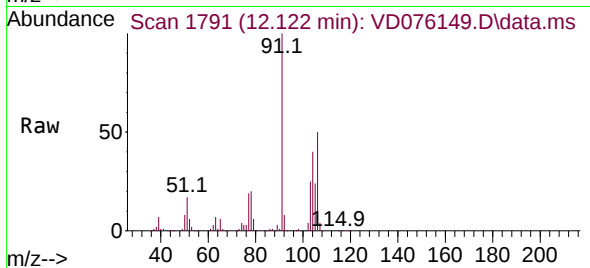
Tgt Ion:106 Resp: 451835
Ion Ratio Lower Upper
106 100
91 188.5 161.5 242.3





#69
o-Xylene
Concen: 49.883 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

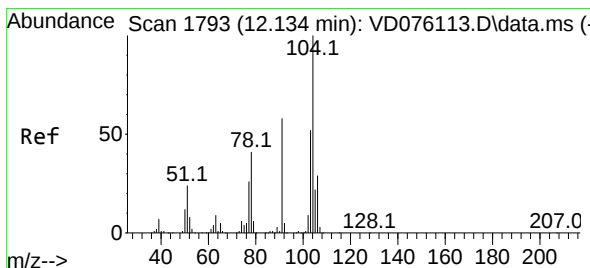
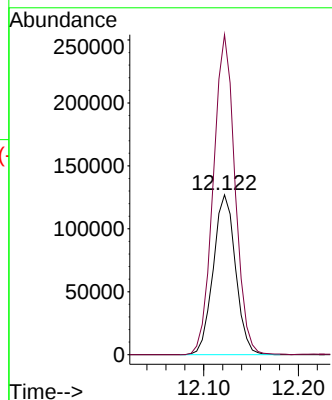
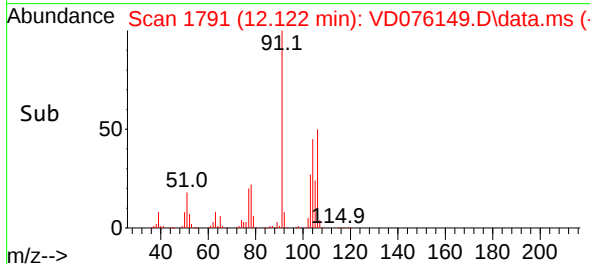
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



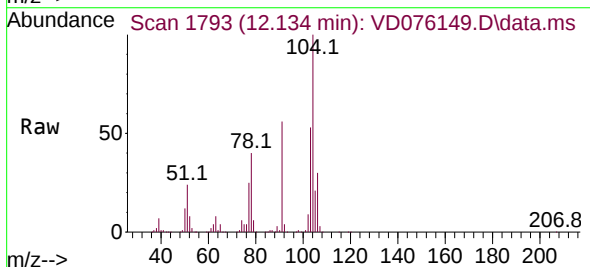
Tgt Ion:106 Resp: 207745
Ion Ratio Lower Upper
106 100
91 195.2 105.7 317.1

Manual Integrations
APPROVED

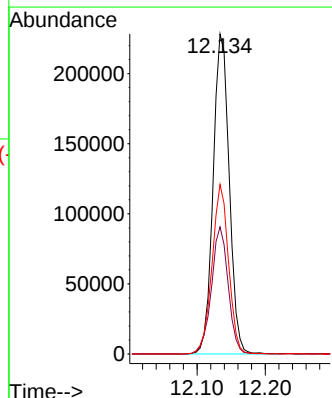
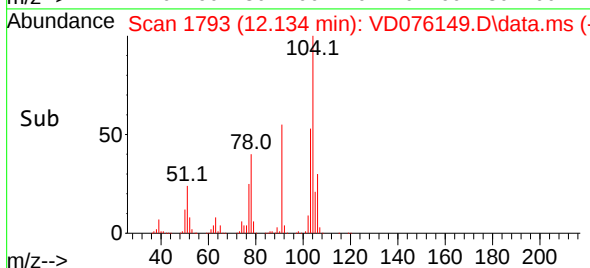
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

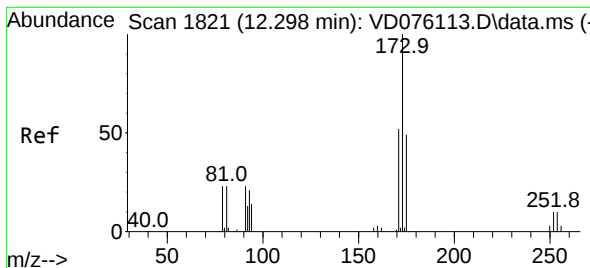


#70
Styrene
Concen: 52.011 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30



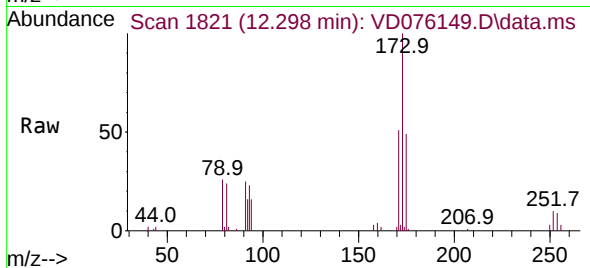
Tgt Ion:104 Resp: 375545
Ion Ratio Lower Upper
104 100
78 41.3 40.2 60.4
103 54.3 44.2 66.2





#71
Bromoform
Concen: 47.067 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

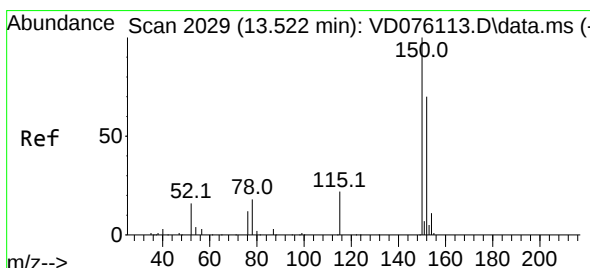
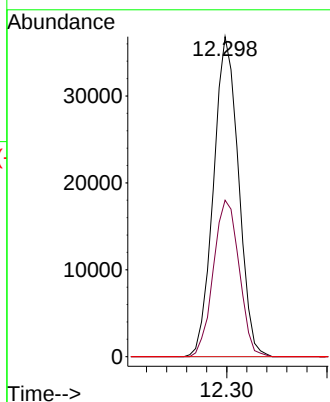
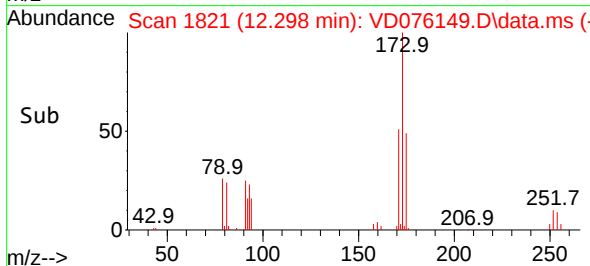
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



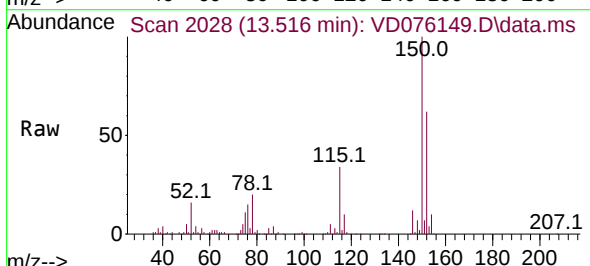
Tgt Ion:173 Resp: 63674
Ion Ratio Lower Upper
173 100
175 50.4 23.5 70.5
254 0.0 0.0 0.0

Manual Integrations
APPROVED

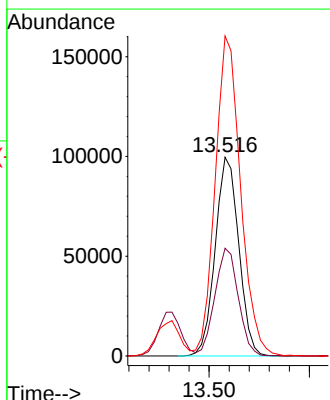
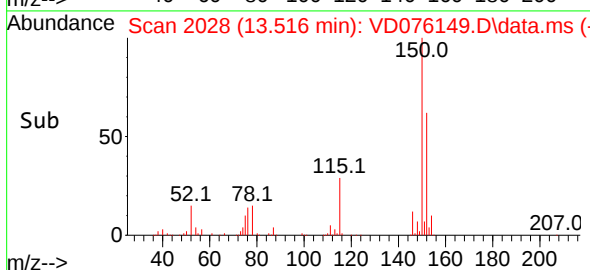
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

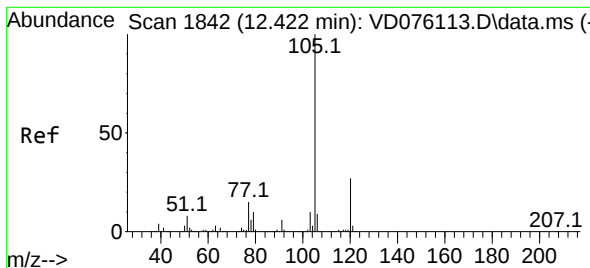


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30



Tgt Ion:152 Resp: 162115
Ion Ratio Lower Upper
152 100
115 54.0 30.1 90.3
150 174.2 0.0 364.8





#73

Isopropylbenzene

Concen: 47.429 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD076149.D

Acq: 19 May 2023 10:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 508639

Ion Ratio Lower Upper

105 100

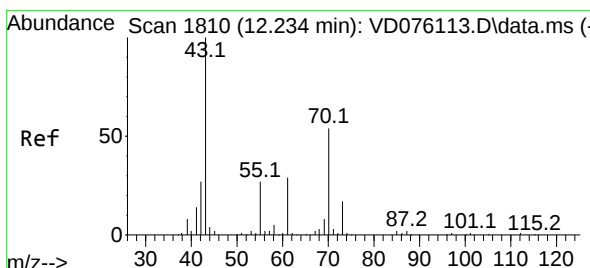
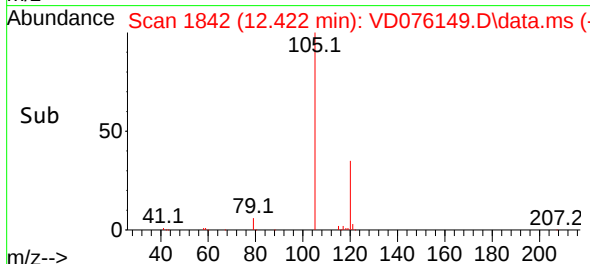
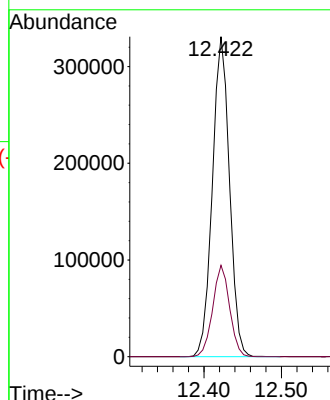
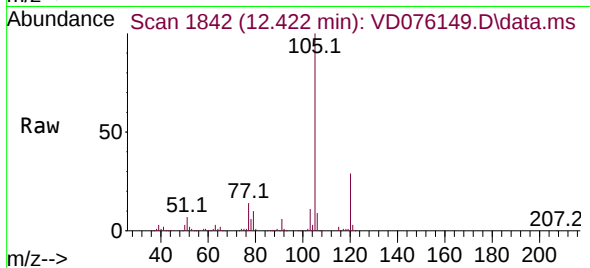
120 28.2 13.4 40.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#74

N-ethyl acetate

Concen: 45.676 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VD076149.D

Acq: 19 May 2023 10:30

Tgt Ion: 43 Resp: 87249

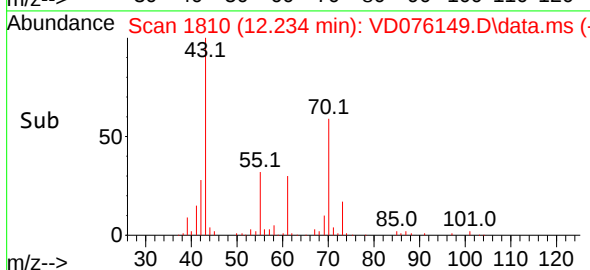
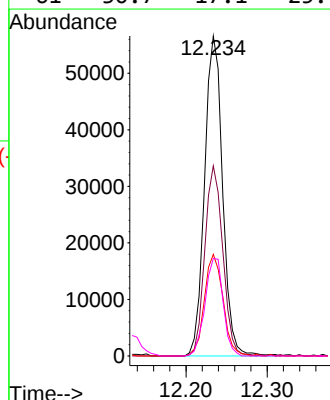
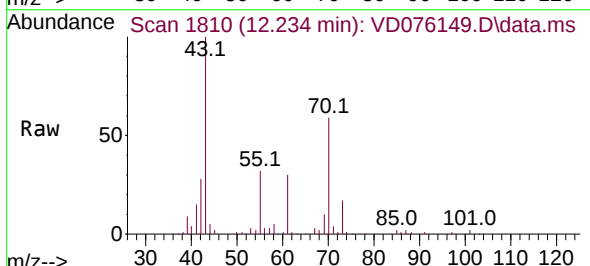
Ion Ratio Lower Upper

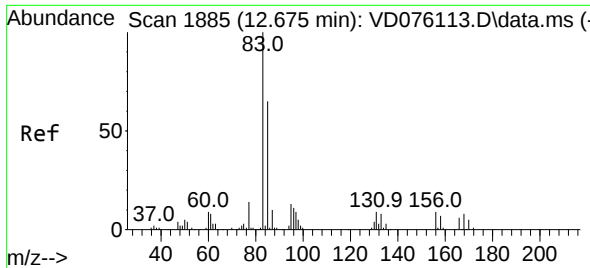
43 100

70 59.1 31.0 46.4#

55 32.7 18.6 28.0#

61 30.7 17.1 25.7#





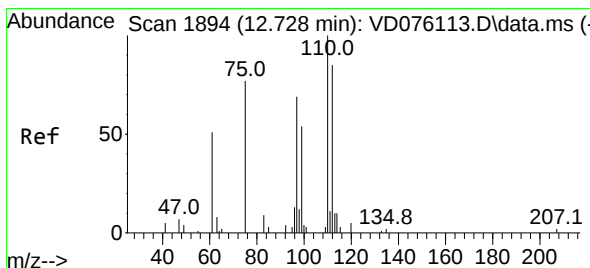
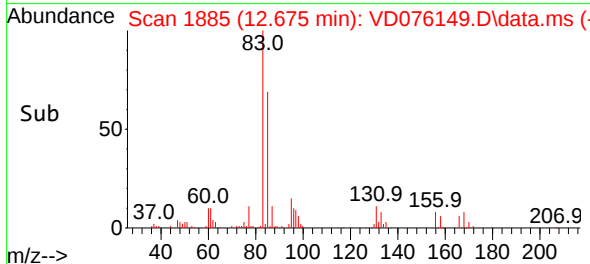
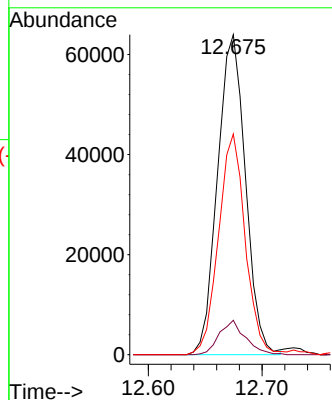
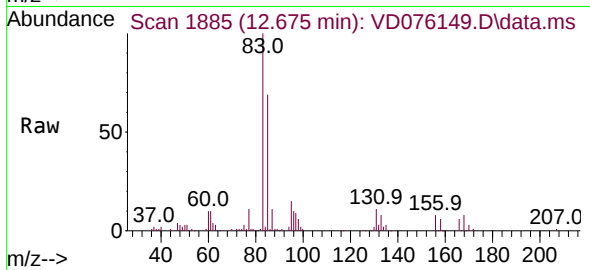
#75
1,1,2,2-Tetrachloroethane
Concen: 47.434 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 109329
Ion Ratio Lower Upper
83 100
131 10.1 5.1 15.2
85 66.1 33.6 100.6

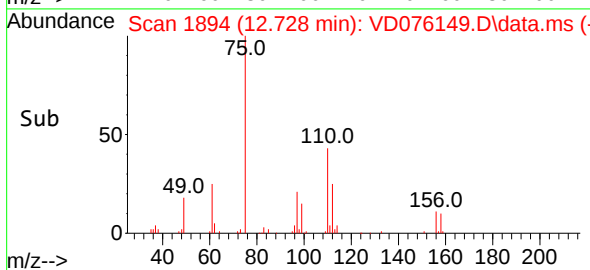
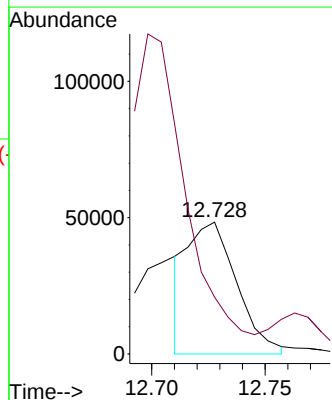
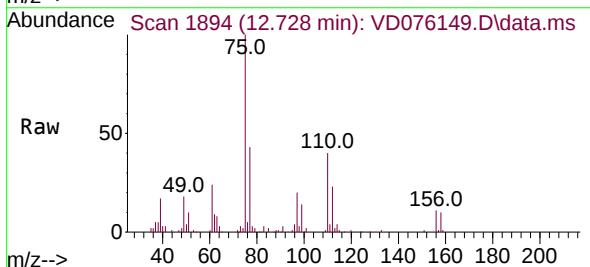
Manual Integrations
APPROVED

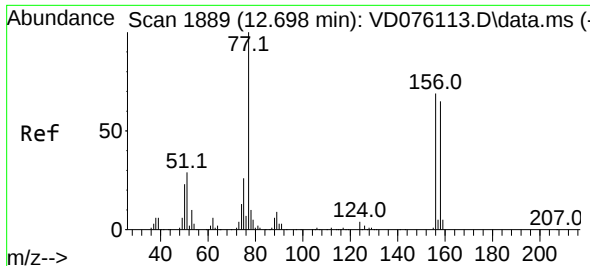
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#76
1,2,3-Trichloropropane
Concen: 51.554 ug/l m
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

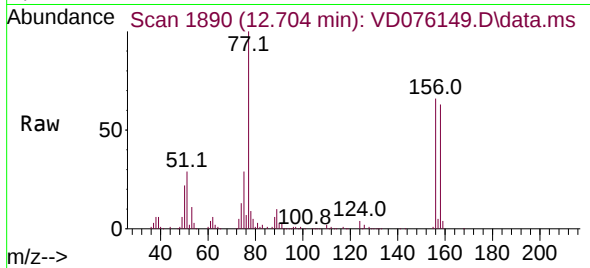
Tgt Ion: 75 Resp: 73137
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 45.092 ug/l
RT: 12.704 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

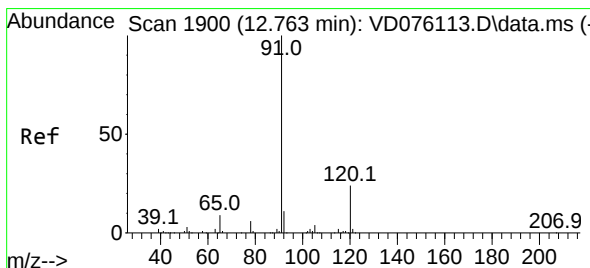
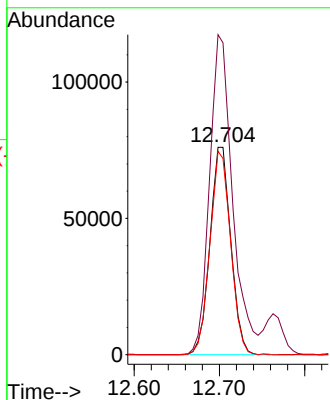
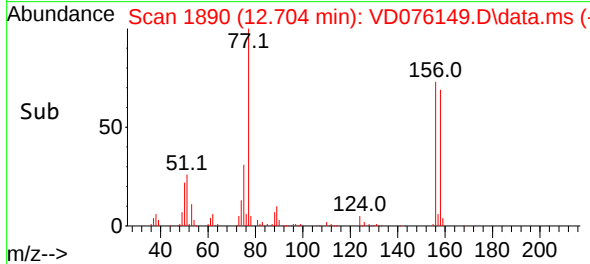
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 129612
Ion Ratio Lower Upper
156 100
77 169.7 89.5 268.6
158 96.8 47.8 143.4

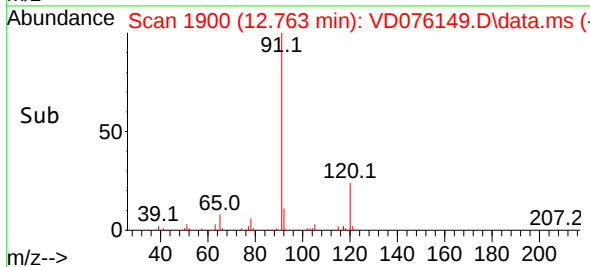
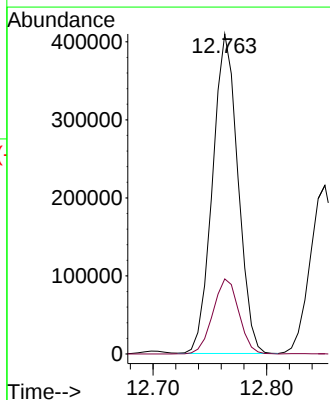
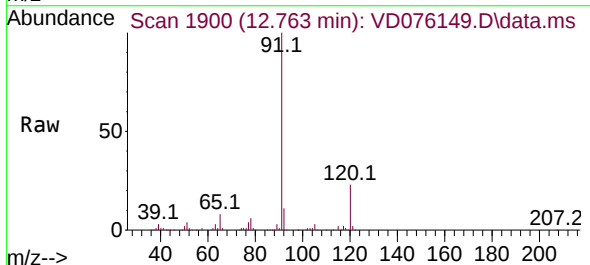
Manual Integrations
APPROVED

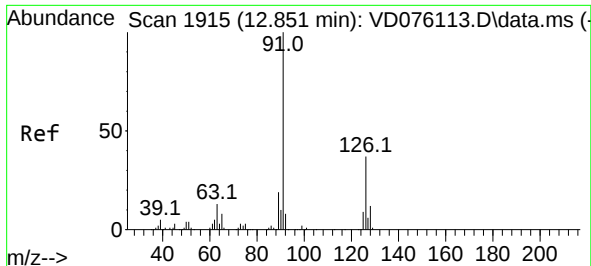
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#78
n-propylbenzene
Concen: 47.667 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

Tgt Ion: 91 Resp: 636281
Ion Ratio Lower Upper
91 100
120 23.9 11.4 34.2





#79

2-Chlorotoluene

Concen: 47.064 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD076149.D

Acq: 19 May 2023 10:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 347690

Ion Ratio Lower Upper

91 100

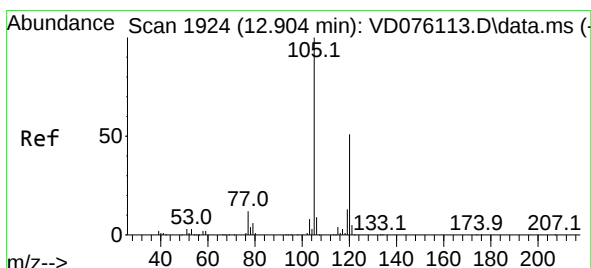
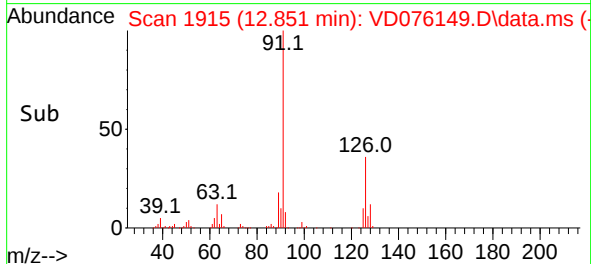
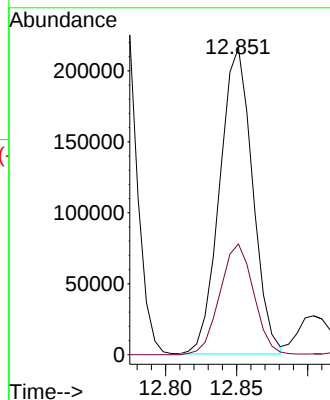
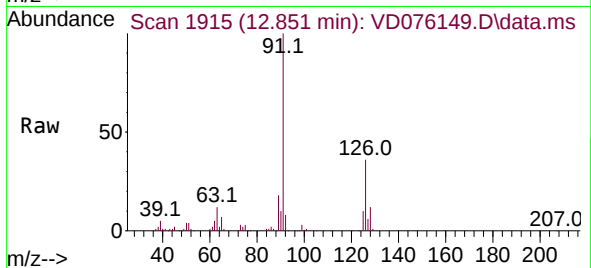
126 37.1 16.8 50.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#80

1,3,5-Trimethylbenzene

Concen: 48.237 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD076149.D

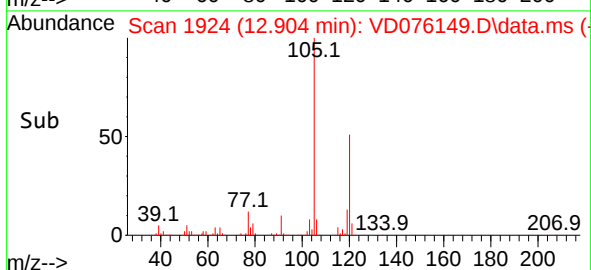
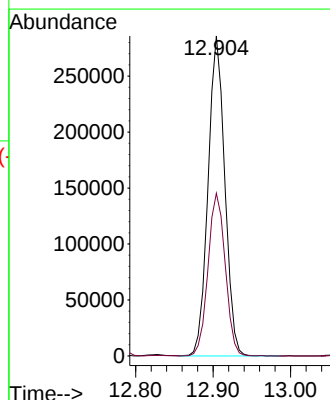
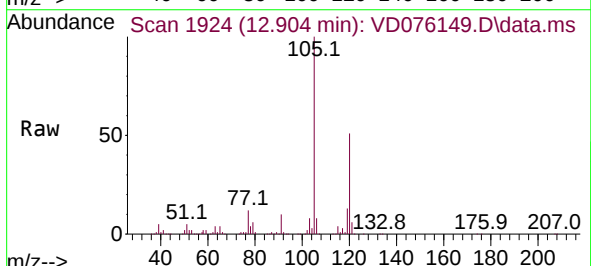
Acq: 19 May 2023 10:30

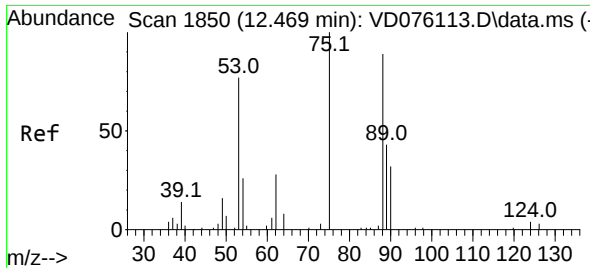
Tgt Ion:105 Resp: 428836

Ion Ratio Lower Upper

105 100

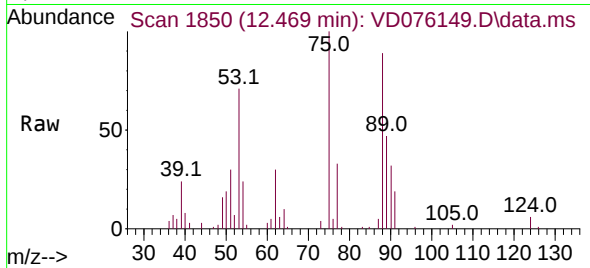
120 52.3 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 48.384 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

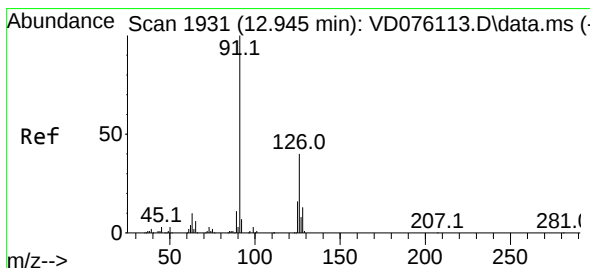
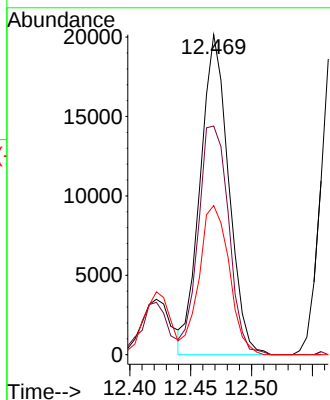
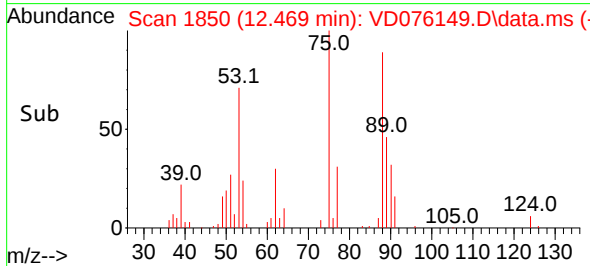
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



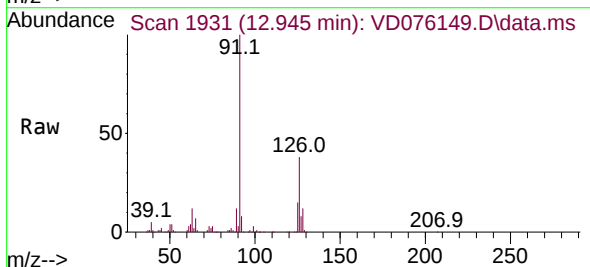
Tgt Ion: 75 Resp: 32719
Ion Ratio Lower Upper
75 100
53 76.5 90.5 135.7
89 49.5 40.2 60.4

Manual Integrations
APPROVED

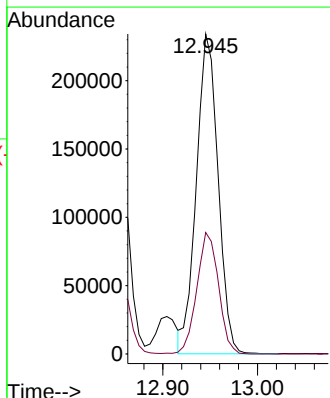
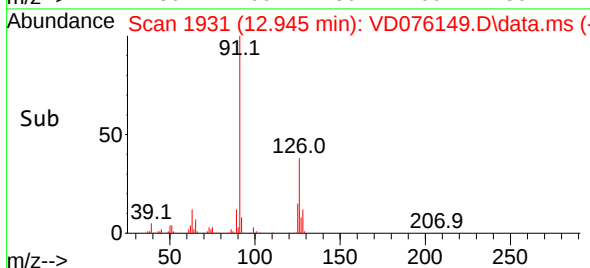
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

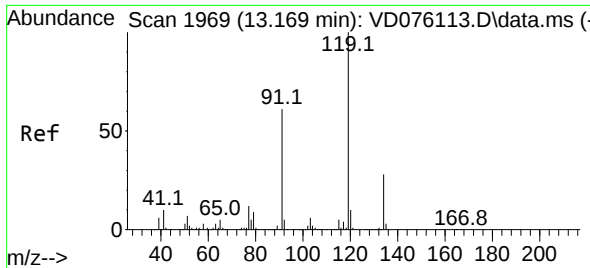


#82
4-Chlorotoluene
Concen: 47.455 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.006 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30



Tgt Ion: 91 Resp: 372909
Ion Ratio Lower Upper
91 100
126 38.0 17.1 51.2





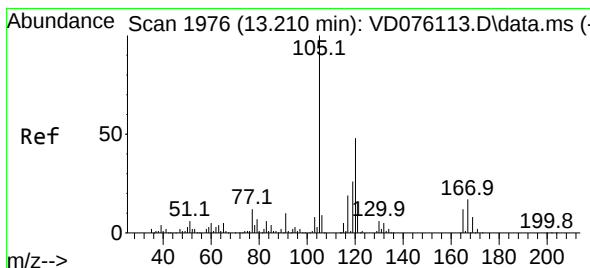
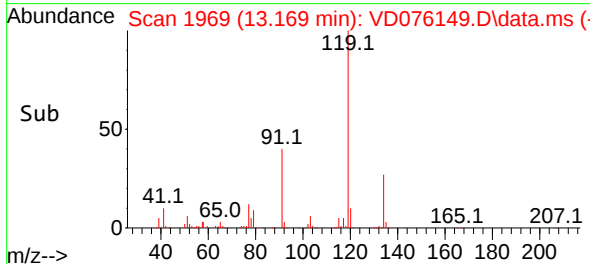
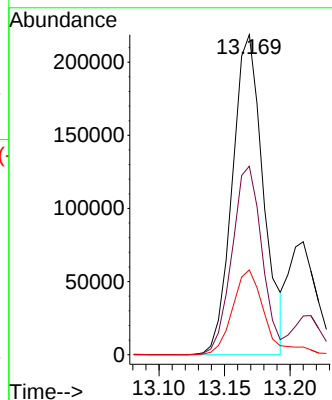
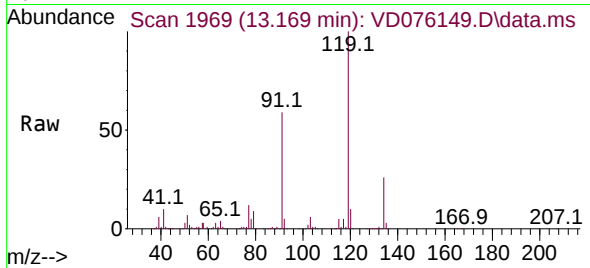
#83
tert-Butylbenzene
Concen: 47.854 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 35954
Ion Ratio Lower Upper
119 100
91 57.2 32.4 97.0
134 27.8 13.0 39.0

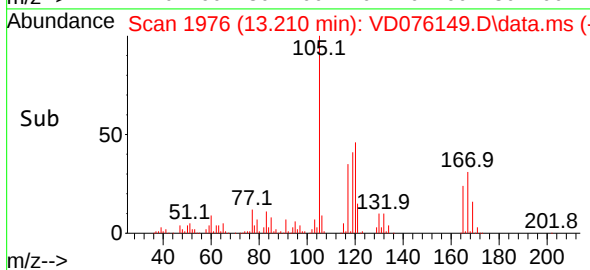
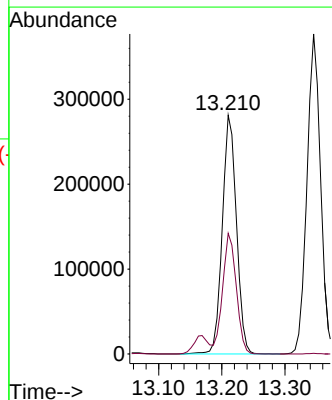
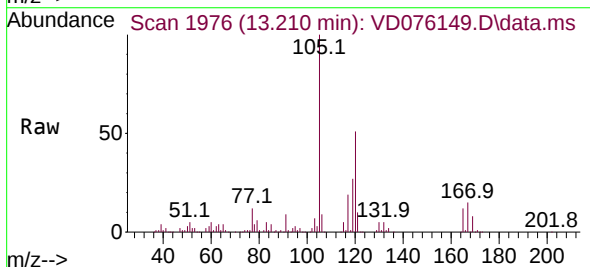
Manual Integrations
APPROVED

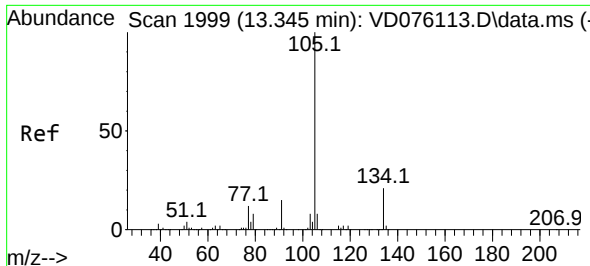
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#84
1,2,4-Trimethylbenzene
Concen: 49.327 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.006 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

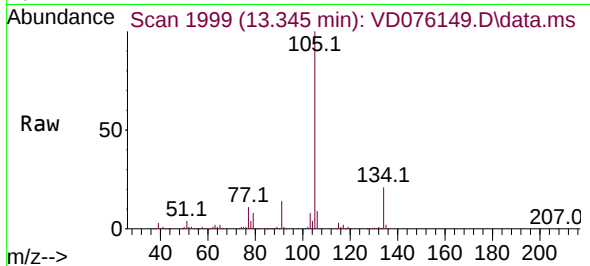
Tgt Ion:105 Resp: 436726
Ion Ratio Lower Upper
105 100
120 48.6 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 48.001 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD076149.D
 Acq: 19 May 2023 10:30

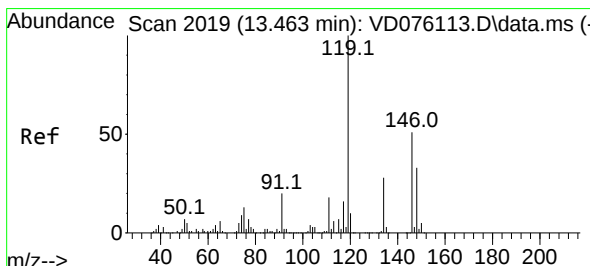
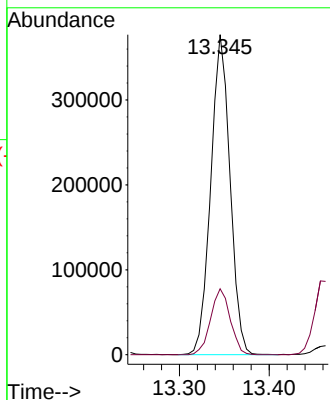
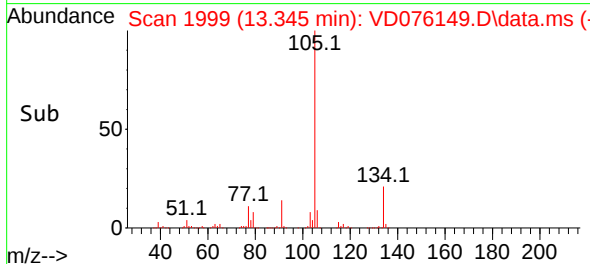
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



Tgt Ion:105 Resp: 562048
 Ion Ratio Lower Upper
 105 100
 134 20.9 9.9 29.7

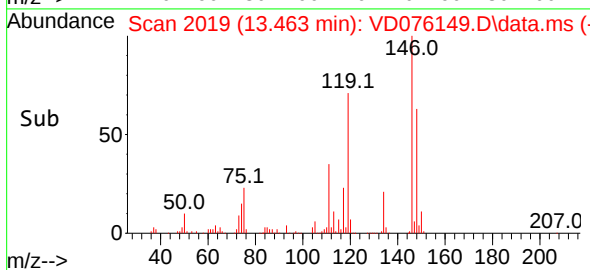
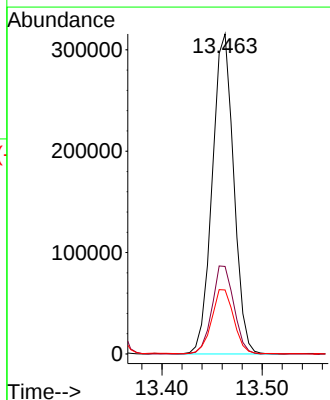
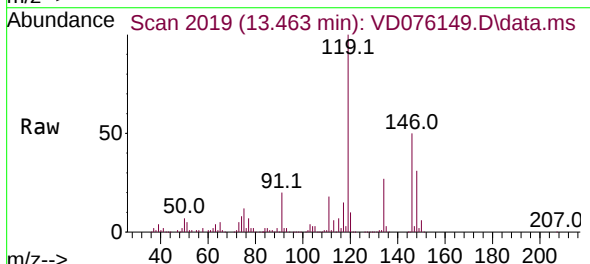
Manual Integrations
 APPROVED

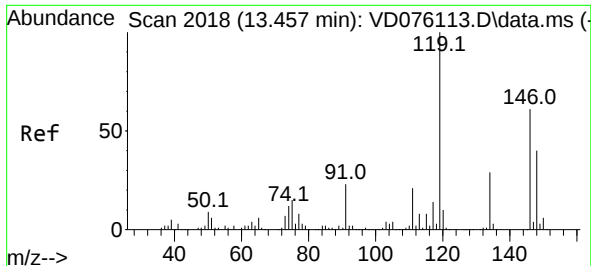
Reviewed By :Krupa Patel 05/22/2023
 Supervised By :Mahesh Dadoda 05/22/2023



#86
 p-Isopropyltoluene
 Concen: 48.927 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD076149.D
 Acq: 19 May 2023 10:30

Tgt Ion:119 Resp: 468765
 Ion Ratio Lower Upper
 119 100
 134 27.9 13.1 39.3
 91 20.6 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 46.923 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.006 min

Lab File: VD076149.D

Acq: 19 May 2023 10:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 272690

Ion Ratio Lower Upper

146 100

111 36.1 19.8 59.3

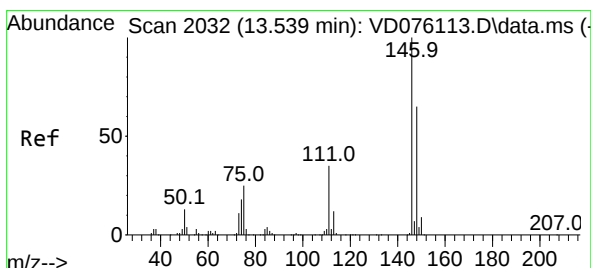
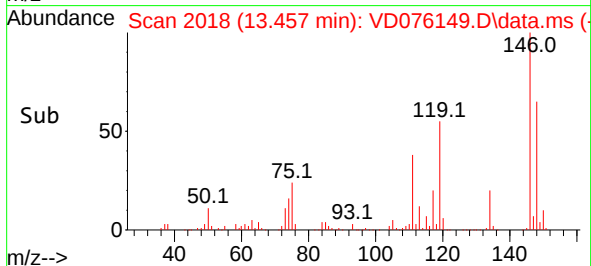
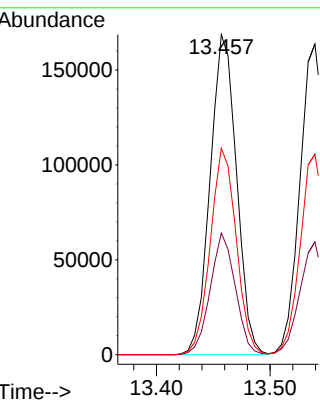
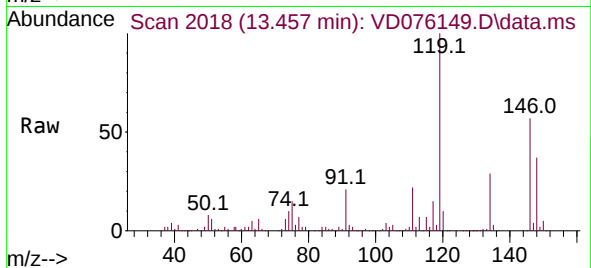
148 63.3 31.0 93.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#88

1,4-Dichlorobenzene

Concen: 46.334 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD076149.D

Acq: 19 May 2023 10:30

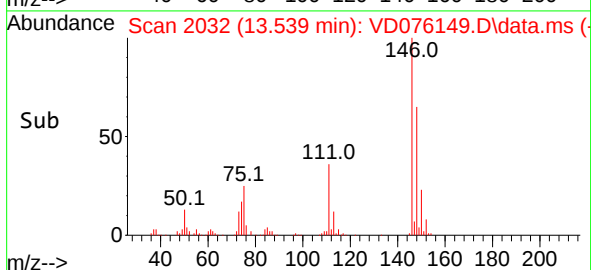
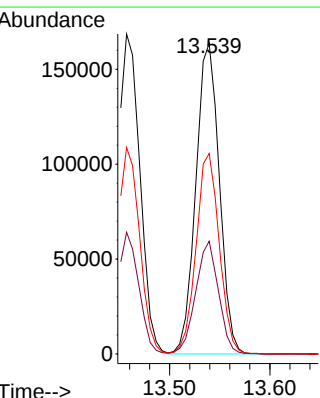
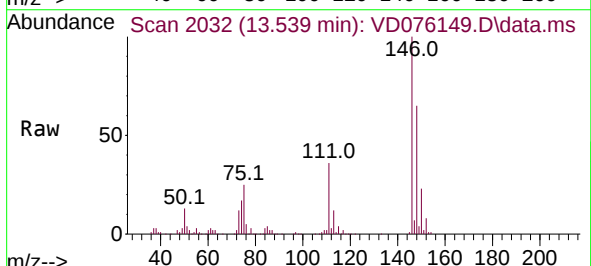
Tgt Ion:146 Resp: 266629

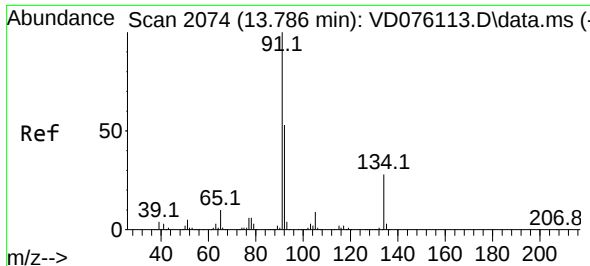
Ion Ratio Lower Upper

146 100

111 35.3 19.6 58.8

148 63.8 31.7 95.1





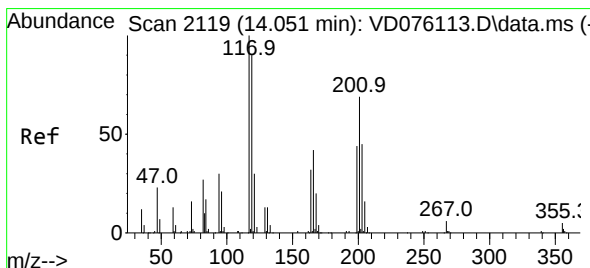
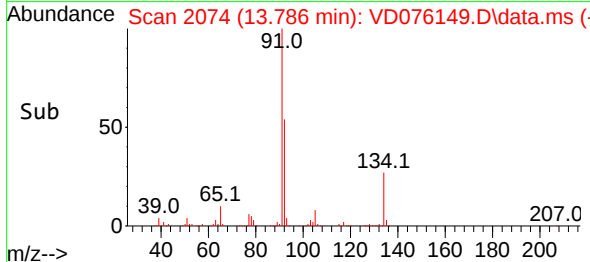
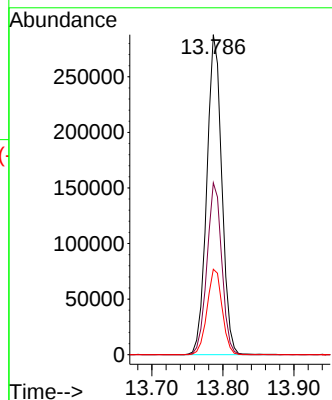
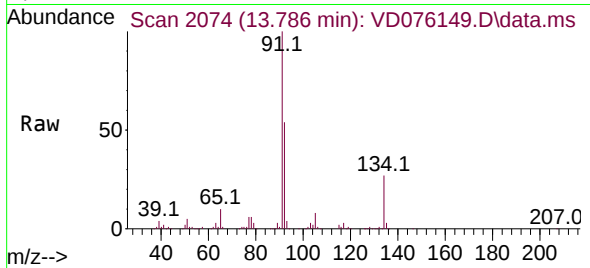
#89
n-Butylbenzene
Concen: 46.828 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. -0.006 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 422808
Ion Ratio Lower Upper
91 100
92 52.9 26.2 78.5
134 26.7 12.7 38.0

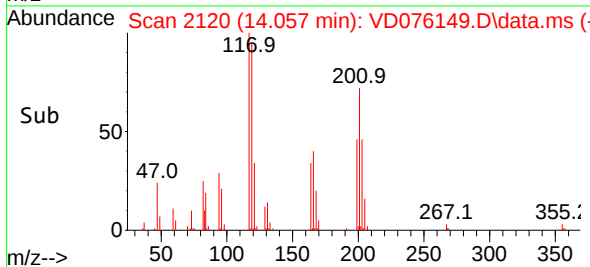
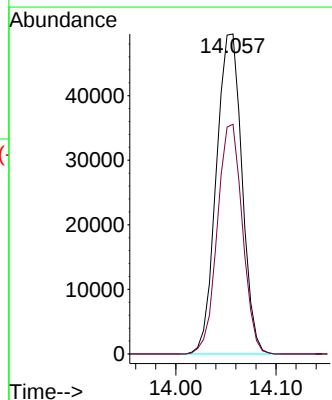
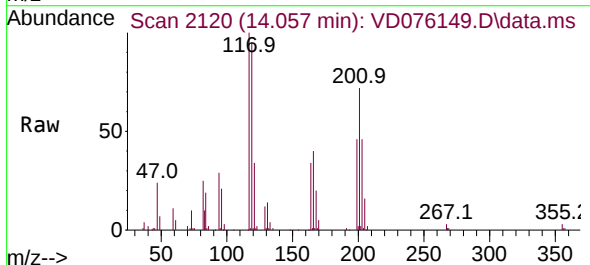
Manual Integrations
APPROVED

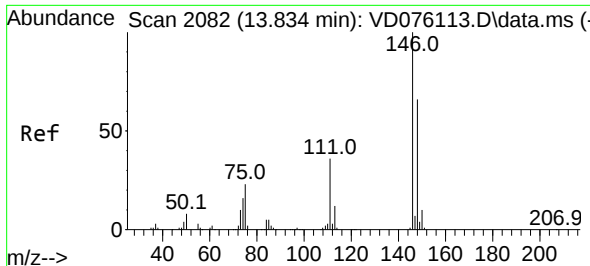
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#90
Hexachloroethane
Concen: 44.650 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

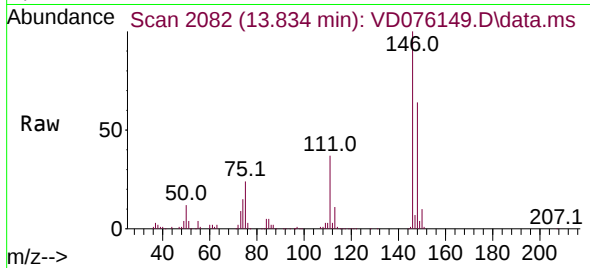
Tgt Ion:117 Resp: 87994
Ion Ratio Lower Upper
117 100
201 70.2 34.5 103.6





#91
1,2-Dichlorobenzene
Concen: 46.900 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

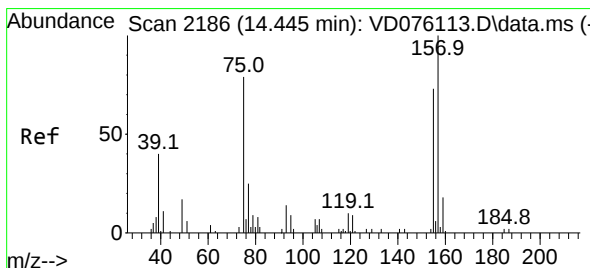
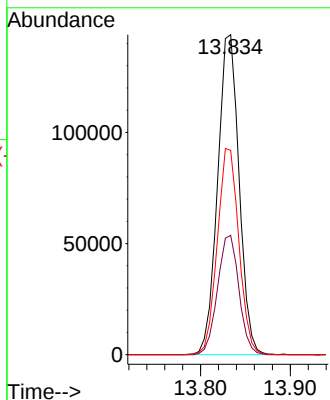
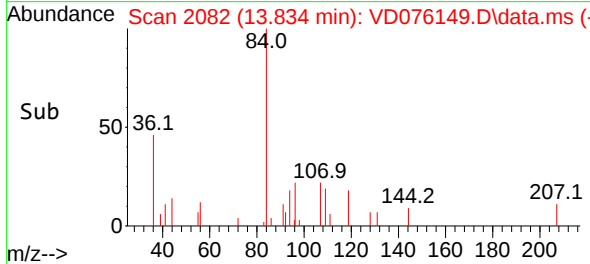
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



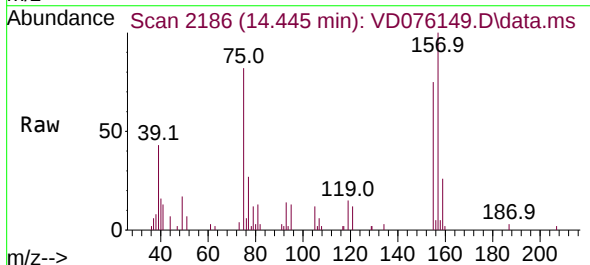
Tgt Ion:146 Resp: 23919
Ion Ratio Lower Upper
146 100
111 37.2 20.6 61.8
148 64.7 32.0 96.2

Manual Integrations
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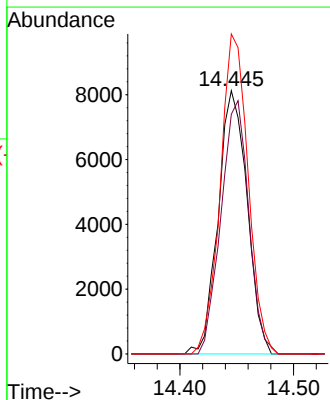
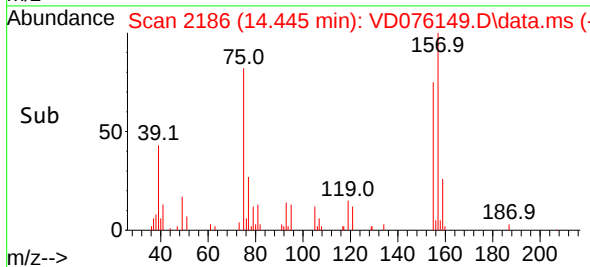
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

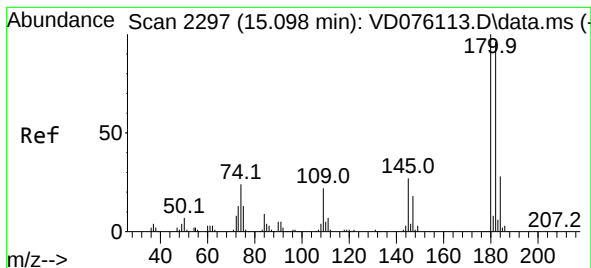


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.773 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30



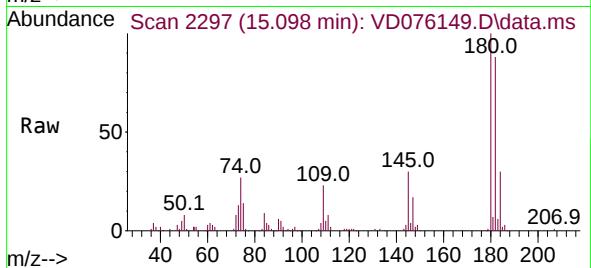
Tgt Ion: 75 Resp: 14297
Ion Ratio Lower Upper
75 100
155 92.8 39.5 118.5
157 117.5 53.5 160.7





#93
1,2,4-Trichlorobenzene
Concen: 42.583 ug/l
RT: 15.098 min Scan# 2297
Delta R.T. -0.006 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

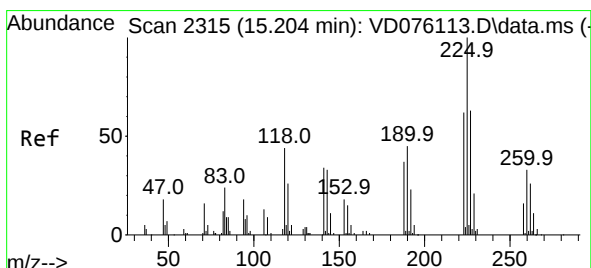
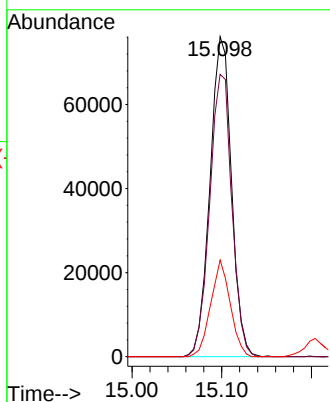
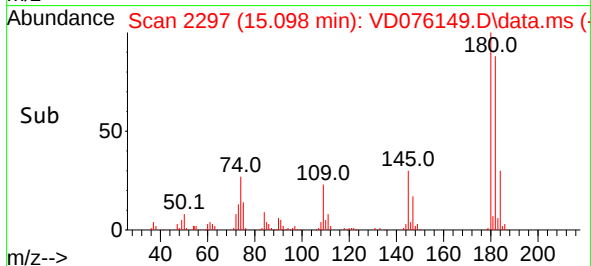
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



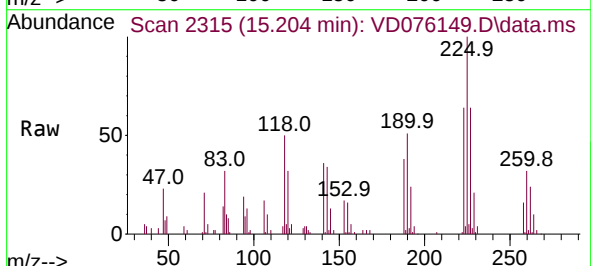
Tgt Ion:180 Resp: 126328
Ion Ratio Lower Upper
180 100
182 91.0 47.9 143.7
145 27.5 15.9 47.7

Manual Integrations
APPROVED

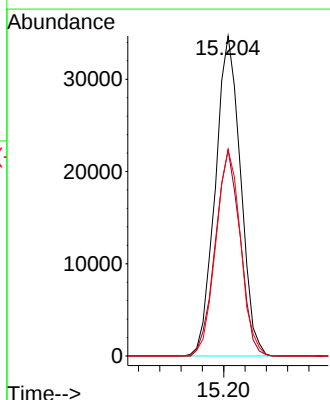
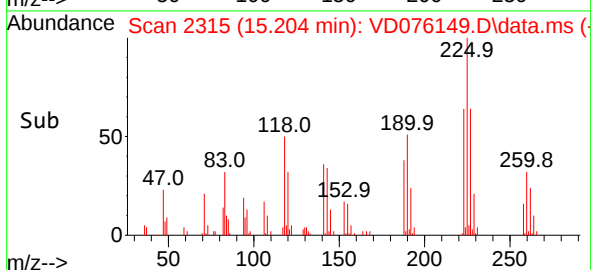
Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

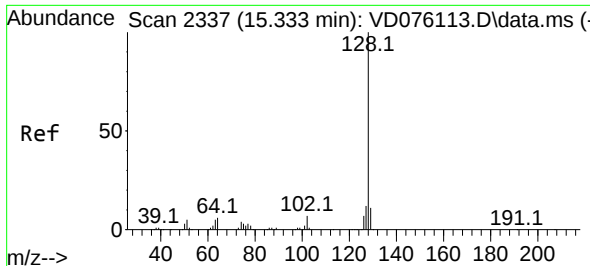


#94
Hexachlorobutadiene
Concen: 37.729 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30



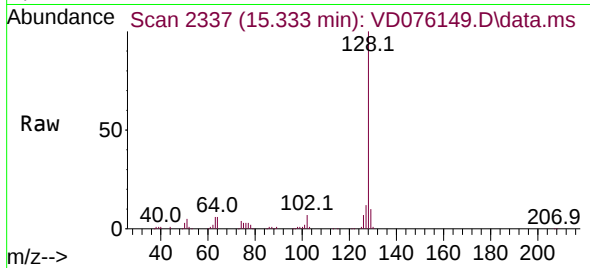
Tgt Ion:225 Resp: 57068
Ion Ratio Lower Upper
225 100
223 63.1 33.1 99.2
227 63.1 31.9 95.9





#95
Naphthalene
Concen: 46.416 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. -0.001 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30

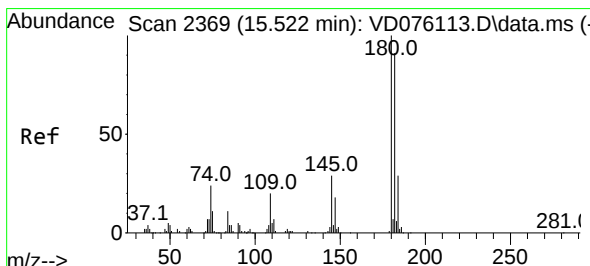
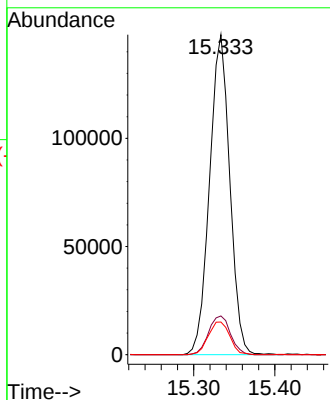
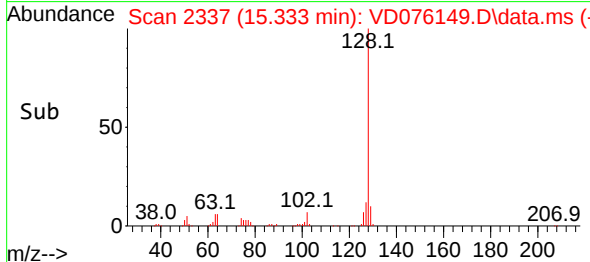
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



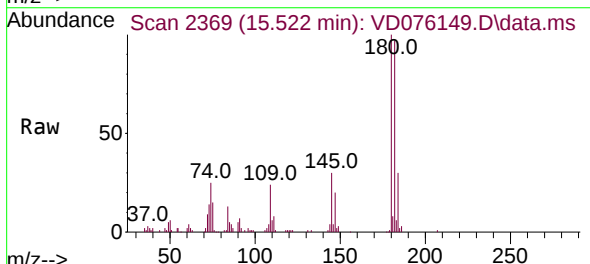
Tgt Ion:128 Resp: 255850
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#96
1,2,3-Trichlorobenzene
Concen: 41.895 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.006 min
Lab File: VD076149.D
Acq: 19 May 2023 10:30



Tgt Ion:180 Resp: 113034
Ion Ratio Lower Upper
180 100
182 94.2 47.7 143.1
145 30.3 16.4 49.4

