

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071823\
 Data File : VD076766.D
 Acq On : 18 Jul 2023 09:13
 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 : John Carlone 07/19/2023
 Supervised By : Mahesh Dadoda 07/19/2023

Quant Time: Jul 19 06:39:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	206994	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	357390	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	317730	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	151547	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	86314	41.865	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	83.720%		
35) Dibromofluoromethane	7.799	113	101723	45.293	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	90.580%		
50) Toluene-d8	10.269	98	362809	45.157	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	90.320%		
62) 4-Bromofluorobenzene	12.575	95	117661	45.270	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	90.540%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	78298	48.372	ug/l	97
3) Chloromethane	2.146	50	117704	42.154	ug/l	98
4) Vinyl Chloride	2.275	62	172622	46.377	ug/l	99
5) Bromomethane	2.681	94	129352	42.238	ug/l	98
6) Chloroethane	2.828	64	123956	44.108	ug/l	99
7) Trichlorofluoromethane	3.163	101	162660	49.112	ug/l	97
8) Diethyl Ether	3.593	74	49669	43.557	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.963	101	109164	50.142	ug/l	97
10) Methyl Iodide	4.158	142	113705	46.332	ug/l	91
11) Tert butyl alcohol	5.058	59	33429	217.285	ug/l	95
12) 1,1-Dichloroethene	3.934	96	95079	46.484	ug/l	87
13) Acrolein	3.793	56	22776	217.241	ug/l	94
14) Allyl chloride	4.558	41	117358	43.677	ug/l	93
15) Acrylonitrile	5.252	53	115829	206.814	ug/l	97
16) Acetone	4.022	43	124515	252.882	ug/l #	85
17) Carbon Disulfide	4.263	76	214753	44.952	ug/l	96
18) Methyl Acetate	4.558	43	79950	43.217	ug/l	96
19) Methyl tert-butyl Ether	5.316	73	235770	42.983	ug/l	99
20) Methylene Chloride	4.799	84	129924	42.838	ug/l	94
21) trans-1,2-Dichloroethene	5.299	96	105624	44.425	ug/l	97
22) Diisopropyl ether	6.210	45	275982	43.375	ug/l	98
23) Vinyl Acetate	6.152	43	657248	208.770	ug/l	95
24) 1,1-Dichloroethane	6.110	63	193763	45.166	ug/l	96
25) 2-Butanone	7.081	43	153029	232.220	ug/l #	86
26) 2,2-Dichloropropane	7.069	77	175551	47.471	ug/l	95
27) cis-1,2-Dichloroethene	7.081	96	133115	45.416	ug/l	96
28) Bromochloromethane	7.428	49	44424	41.419	ug/l	88
29) Tetrahydrofuran	7.446	42	82403	211.642	ug/l	92
30) Chloroform	7.593	83	216645	46.107	ug/l	97
31) Cyclohexane	7.875	56	141776	46.726	ug/l	96
32) 1,1,1-Trichloroethane	7.793	97	186326	49.149	ug/l	98
36) 1,1-Dichloropropene	8.004	75	147530	50.270	ug/l	98
37) Ethyl Acetate	7.169	43	58584	44.637	ug/l #	74
38) Carbon Tetrachloride	7.987	117	148479	52.838	ug/l	99
39) Methylcyclohexane	9.269	83	173962	51.337	ug/l	93
40) Benzene	8.251	78	440177	47.536	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	35111	43.809	ug/l	# 90
42) 1,2-Dichloroethane	8.322	62	114911	47.761	ug/l	99
43) Isopropyl Acetate	8.357	43	114825	44.830	ug/l	93
44) Trichloroethene	9.022	130	120854	47.895	ug/l	93
45) 1,2-Dichloropropane	9.304	63	113629	47.538	ug/l	97
46) Dibromomethane	9.393	93	65194	46.596	ug/l	90
47) Bromodichloromethane	9.587	83	163562	46.585	ug/l	96
48) Methyl methacrylate	9.381	41	51113	43.845	ug/l	88
49) 1,4-Dioxane	9.393	88	16250	906.515	ug/l	91
51) 4-Methyl-2-Pentanone	10.157	43	314543	230.646	ug/l	91
52) Toluene	10.334	92	287911	47.341	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	151771	46.571	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	175663	45.736	ug/l	# 87
55) 1,1,2-Trichloroethane	10.734	97	94451	46.230	ug/l	97
56) Ethyl methacrylate	10.598	69	106701	45.248	ug/l	# 90
57) 1,3-Dichloropropane	10.881	76	151776	45.616	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	183978	201.558	ug/l	98
59) 2-Hexanone	10.922	43	229648	235.998	ug/l	95
60) Dibromochloromethane	11.075	129	117059	49.320	ug/l	99
61) 1,2-Dibromoethane	11.181	107	85487	45.131	ug/l	98
64) Tetrachloroethene	10.810	164	96706	53.377	ug/l	92
65) Chlorobenzene	11.604	112	314409	49.202	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	117679	49.463	ug/l	95
67) Ethyl Benzene	11.681	91	567577	50.575	ug/l	95
68) m/p-Xylenes	11.792	106	440686	102.245	ug/l	93
69) o-Xylene	12.122	106	210041	50.394	ug/l	94
70) Styrene	12.134	104	366407	50.219	ug/l	98
71) Bromoform	12.298	173	66142	50.761	ug/l	# 97
73) Isopropylbenzene	12.422	105	562077	51.121	ug/l	95
74) N-amyl acetate	12.234	43	106604	46.023	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.675	83	112823	47.792	ug/l	97
76) 1,2,3-Trichloropropane	12.728	75	72397m	50.234	ug/l	
77) Bromobenzene	12.698	156	123742	48.757	ug/l	90
78) n-propylbenzene	12.763	91	694977	52.138	ug/l	95
79) 2-Chlorotoluene	12.845	91	369231	50.520	ug/l	94
80) 1,3,5-Trimethylbenzene	12.904	105	456191	51.312	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	32212	47.568	ug/l	96
82) 4-Chlorotoluene	12.945	91	383404	50.215	ug/l	94
83) tert-Butylbenzene	13.169	119	413203	52.785	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	455738	50.163	ug/l	96
85) sec-Butylbenzene	13.345	105	640965	53.593	ug/l	95
86) p-Isopropyltoluene	13.463	119	521228	52.771	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	261515	50.098	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	250890	49.056	ug/l	98
89) n-Butylbenzene	13.786	91	504562	52.204	ug/l	97
90) Hexachloroethane	14.051	117	100782	55.191	ug/l	83
91) 1,2-Dichlorobenzene	13.828	146	222753	48.427	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	14543	43.206	ug/l	93
93) 1,2,4-Trichlorobenzene	15.098	180	135551	48.270	ug/l	99
94) Hexachlorobutadiene	15.204	225	70538	52.229	ug/l	97
95) Naphthalene	15.333	128	283742	46.665	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	121217	48.102	ug/l	98

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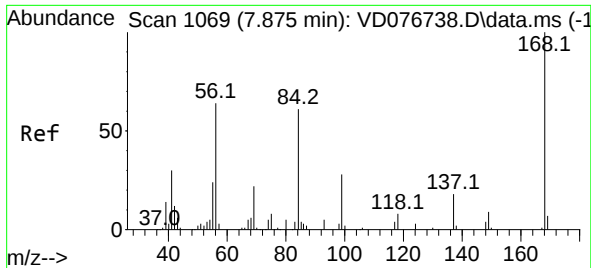
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 07/19/2023

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Quant Title : SW846 8260
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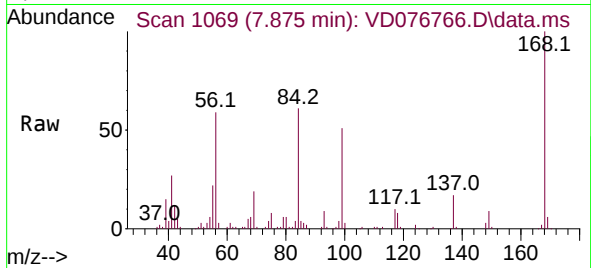
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

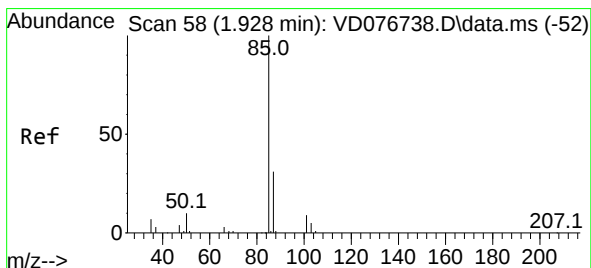
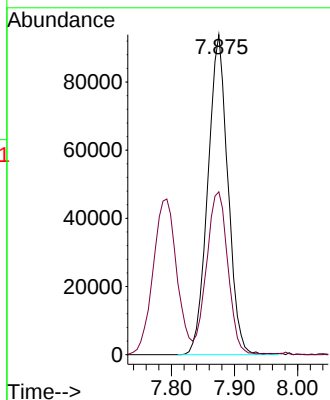
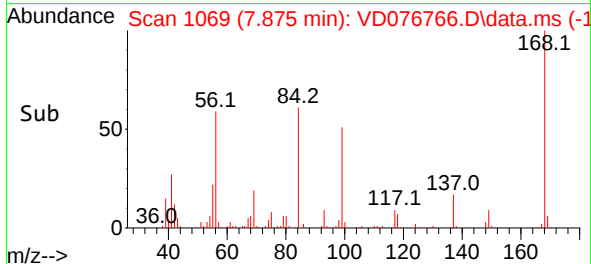
Instrument :
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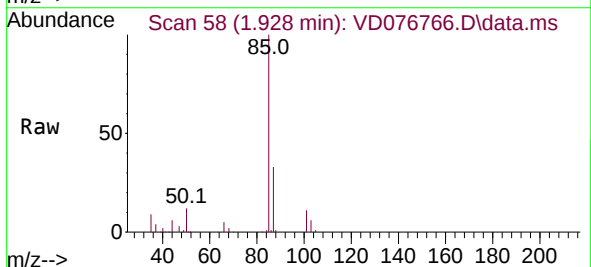
Tgt Ion:168 Resp: 206994
Ion Ratio Lower Upper
168 100
99 50.5 36.7 55.1

Manual Integrations
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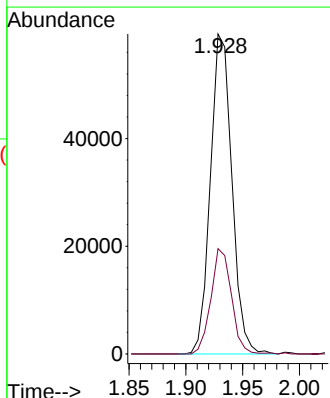
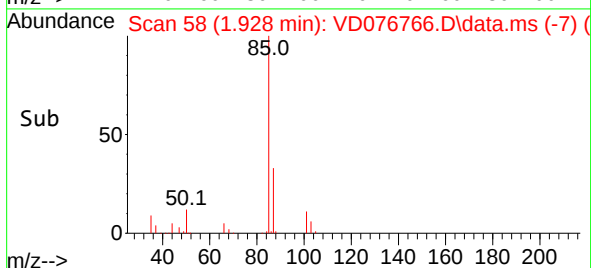
Reviewed By :John Carlone 07/19/2023
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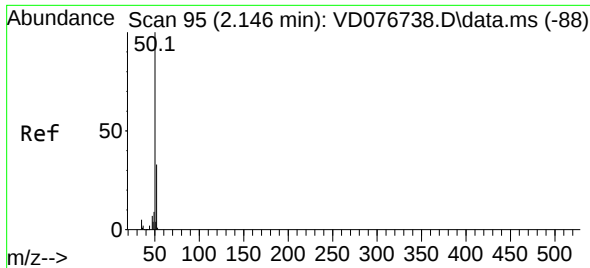


#2
Dichlorodifluoromethane
Concen: 48.372 ug/l
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13



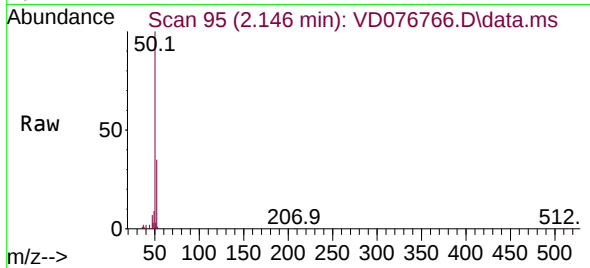
Tgt Ion: 85 Resp: 78298
Ion Ratio Lower Upper
85 100
87 32.9 15.7 47.0





#3
Chloromethane
Concen: 42.154 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

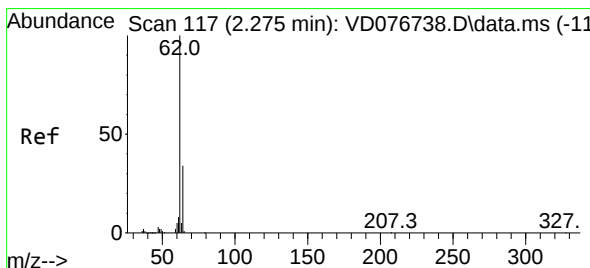
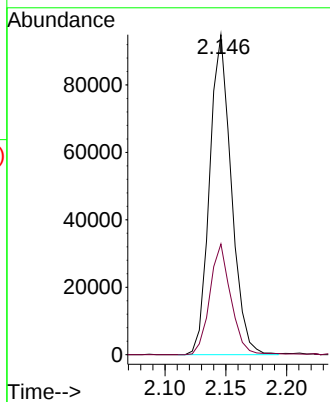
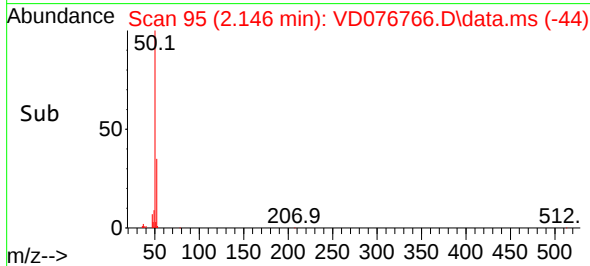
Instrument :
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VSTDCCC050



Tgt Ion: 50 Resp: 117704
Ion Ratio Lower Upper
50 100
52 34.6 26.6 40.0

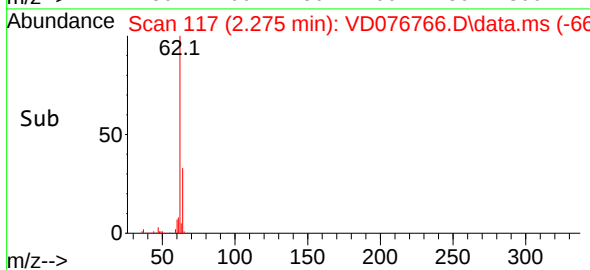
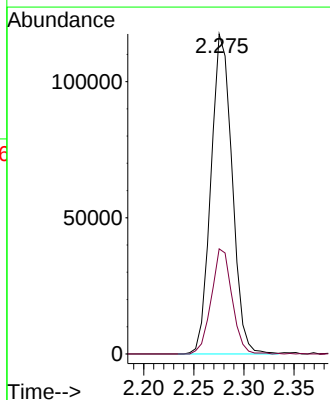
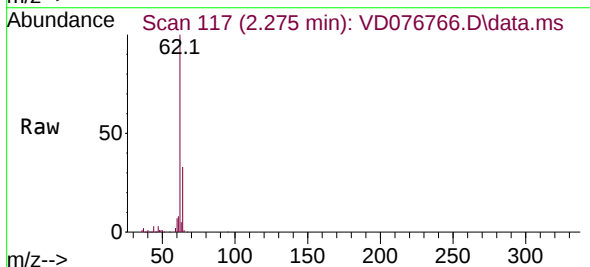
Manual Integrations
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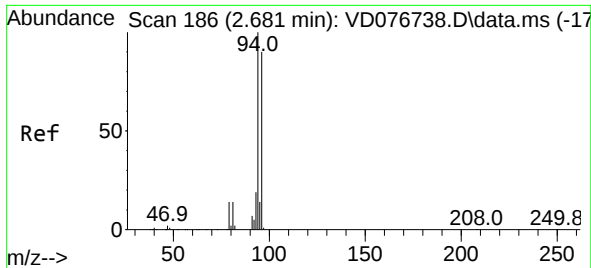
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#4
Vinyl Chloride
Concen: 46.377 ug/l
RT: 2.275 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

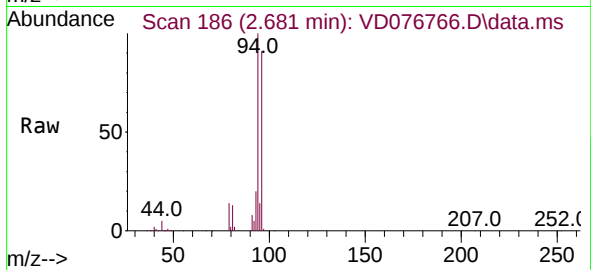
Tgt Ion: 62 Resp: 172622
Ion Ratio Lower Upper
62 100
64 32.9 26.0 39.0





#5
Bromomethane
Concen: 42.238 ug/l
RT: 2.681 min Scan# 186
Delta R.T. 0.000 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

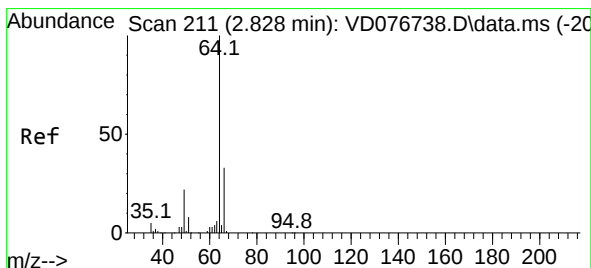
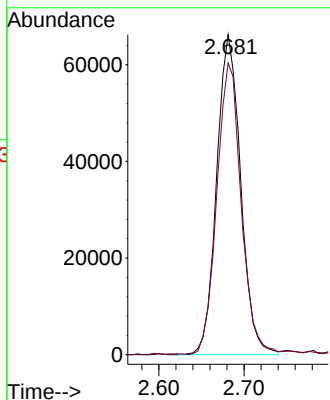
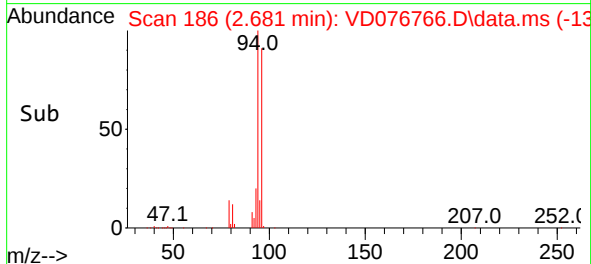
Instrument :
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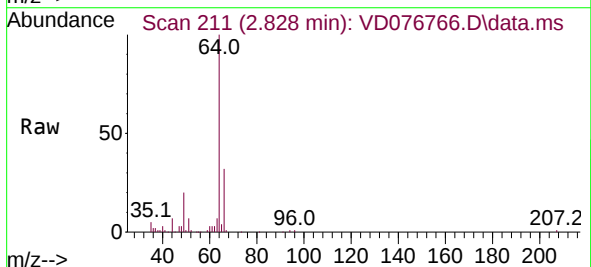
Tgt Ion: 94 Resp: 129352
Ion Ratio Lower Upper
94 100
96 92.8 75.8 113.8

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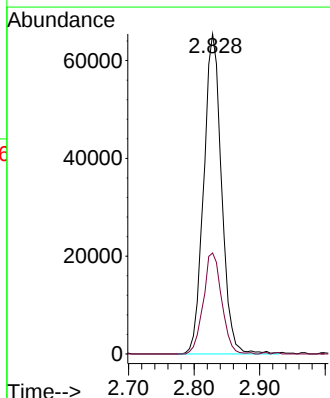
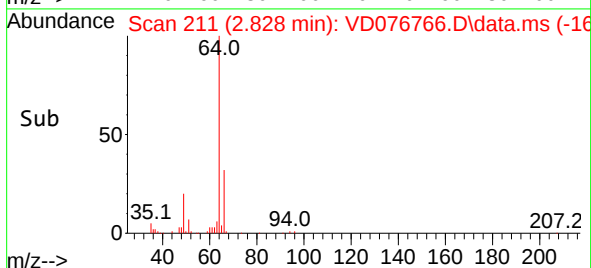
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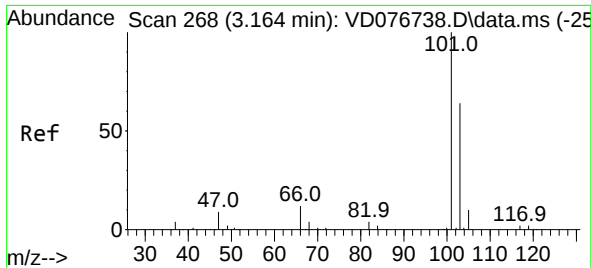


#6
Chloroethane
Concen: 44.108 ug/l
RT: 2.828 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD076766.D
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Tgt Ion: 64 Resp: 123956
Ion Ratio Lower Upper
64 100
66 31.6 25.5 38.3





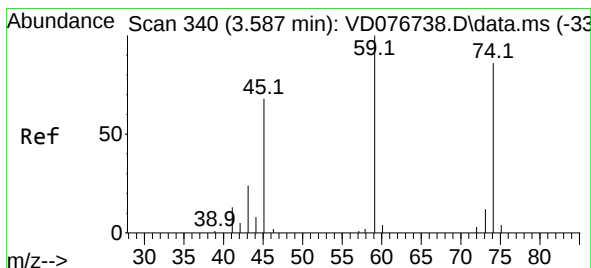
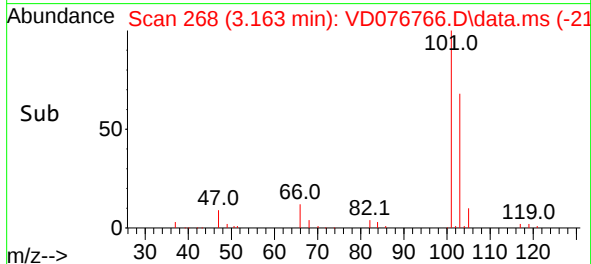
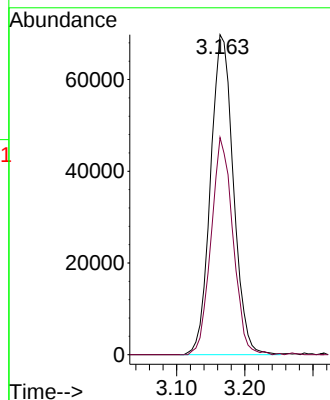
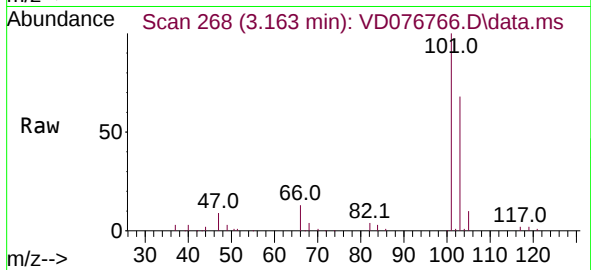
#7
Trichlorofluoromethane
Concen: 49.112 ug/l
RT: 3.163 min Scan# 201
Delta R.T. -0.001 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 162660
Ion Ratio Lower Upper
101 100
103 67.8 52.3 78.5

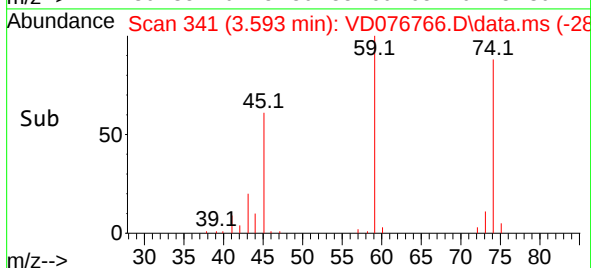
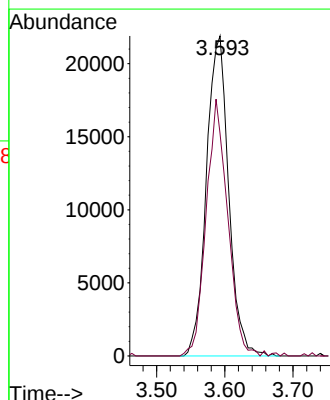
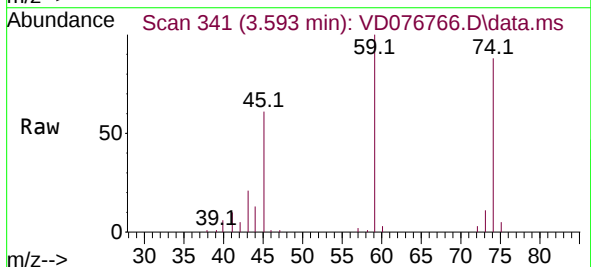
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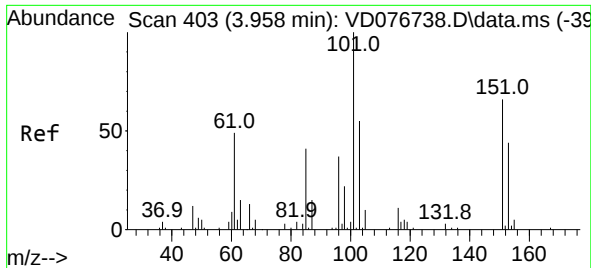
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#8
Diethyl Ether
Concen: 43.557 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.006 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

Tgt Ion: 74 Resp: 49669
Ion Ratio Lower Upper
74 100
45 77.6 37.5 112.7





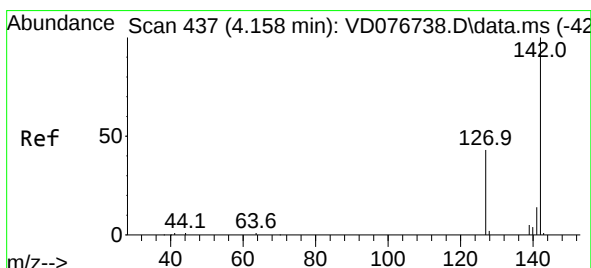
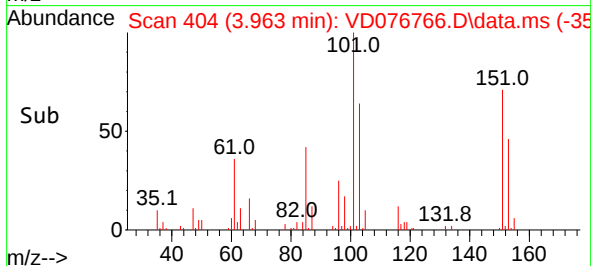
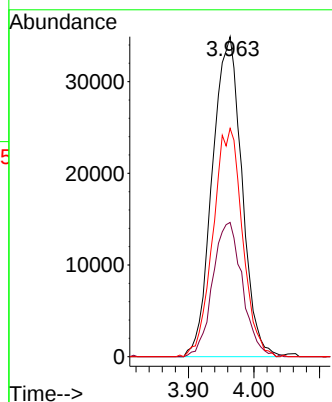
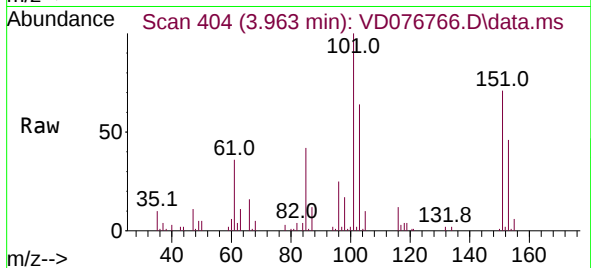
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.142 ug/l
RT: 3.963 min Scan# 403
Delta R.T. 0.005 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 109164
Ion Ratio Lower Upper
101 100
85 42.1 33.8 50.6
151 71.0 59.8 89.6

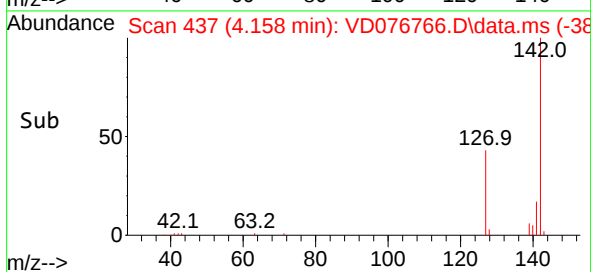
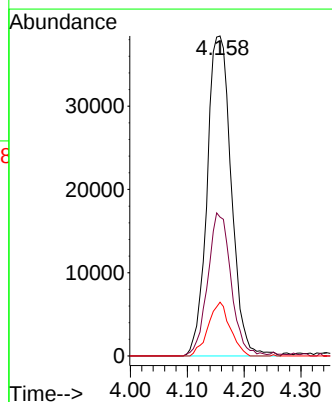
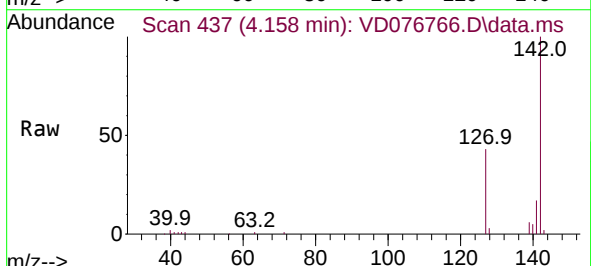
Manual Integrations
APPROVED

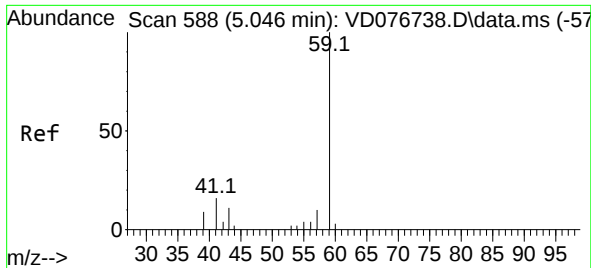
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#10
Methyl Iodide
Concen: 46.332 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.000 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

Tgt Ion:142 Resp: 113705
Ion Ratio Lower Upper
142 100
127 43.2 29.4 44.0
141 15.2 11.1 16.7





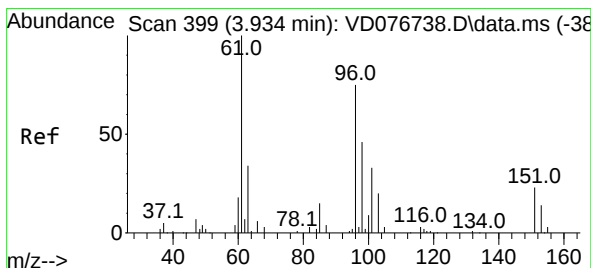
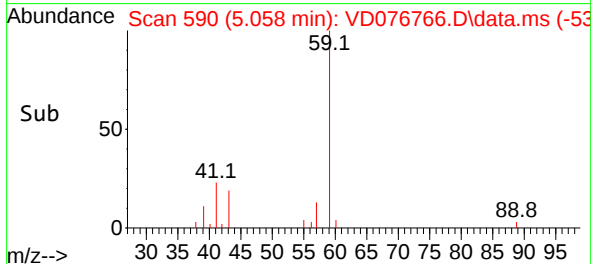
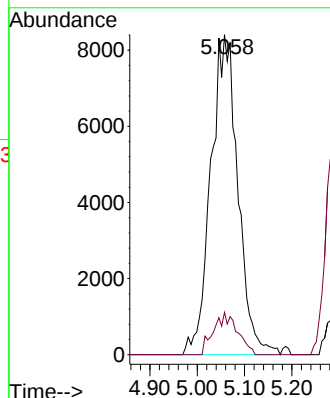
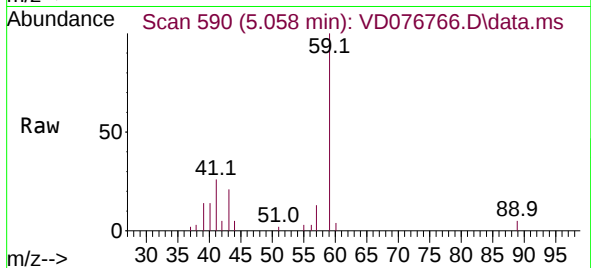
#11
Tert butyl alcohol
Concen: 217.285 ug/l
RT: 5.058 min Scan# 588
Delta R.T. 0.011 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 33429
Ion Ratio Lower Upper
59 100
57 11.5 7.8 11.8

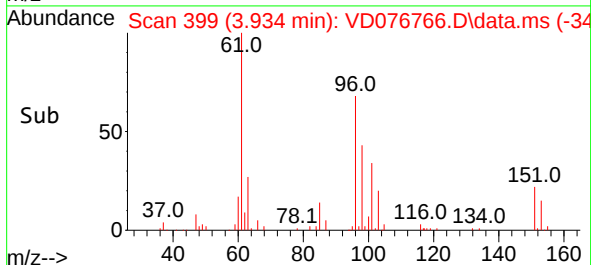
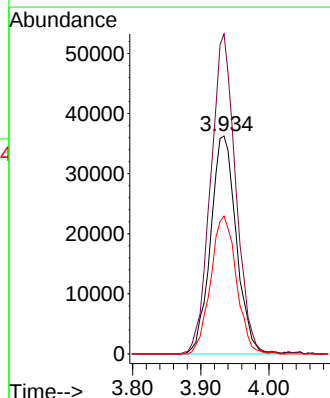
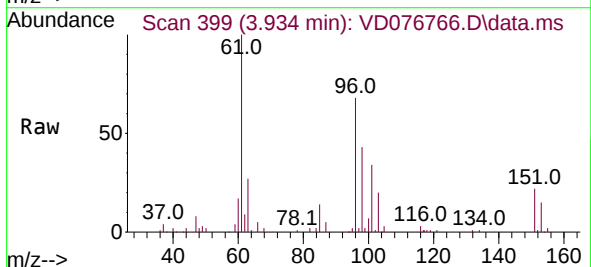
Manual Integrations
APPROVED

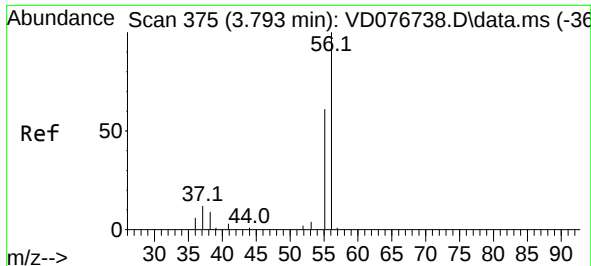
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#12
1,1-Dichloroethene
Concen: 46.484 ug/l
RT: 3.934 min Scan# 399
Delta R.T. 0.000 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

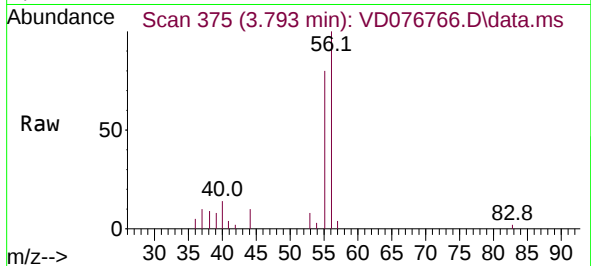
Tgt Ion: 96 Resp: 95079
Ion Ratio Lower Upper
96 100
61 146.9 100.6 150.8
98 63.3 50.2 75.2





#13
Acrolein
Concen: 217.241 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

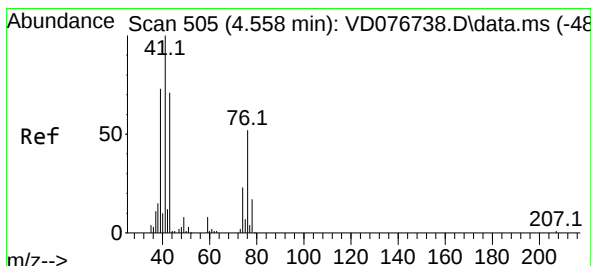
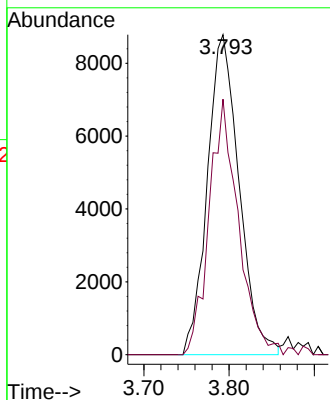
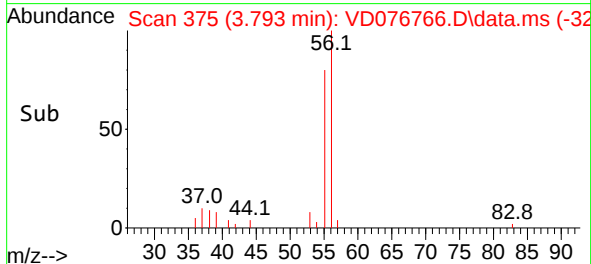
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 22770
Ion Ratio Lower Upper
56 100
55 73.5 55.1 82.7

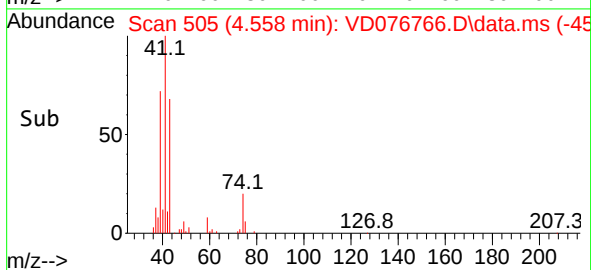
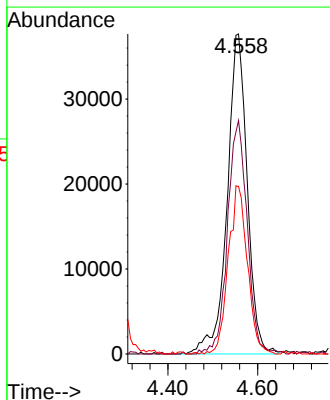
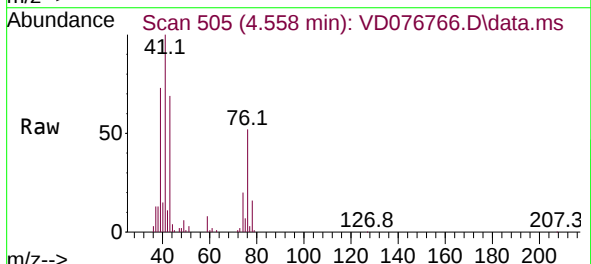
Manual Integrations
APPROVED

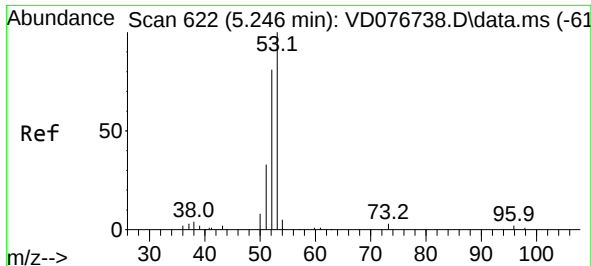
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#14
Allyl chloride
Concen: 43.677 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.000 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

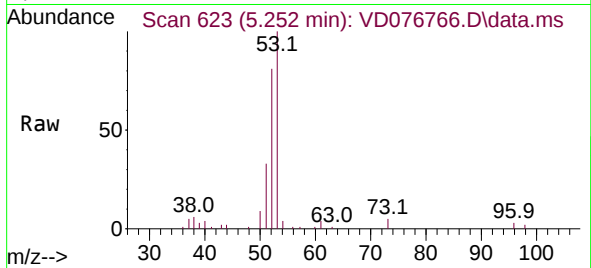
Tgt Ion: 41 Resp: 117358
Ion Ratio Lower Upper
41 100
39 71.6 53.8 80.6
76 50.1 45.8 68.8





#15
Acrylonitrile
Concen: 206.814 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

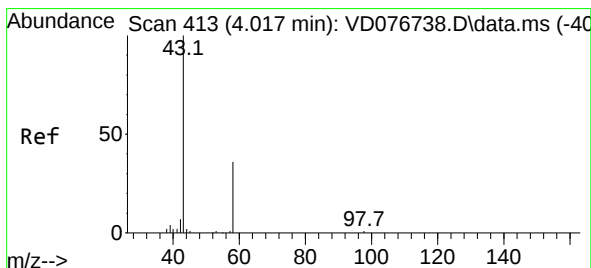
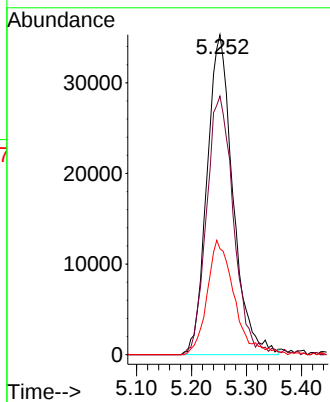
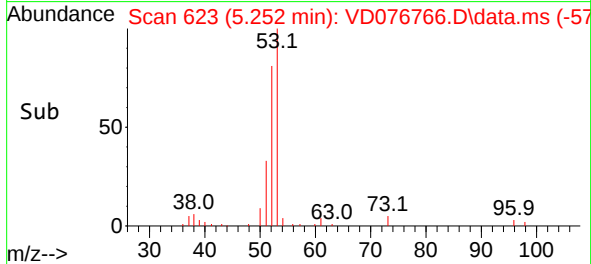
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



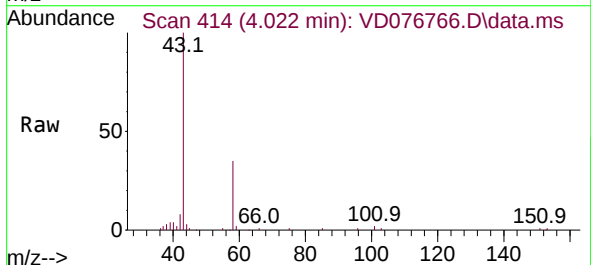
Tgt Ion: 53 Resp: 115829
Ion Ratio Lower Upper
53 100
52 83.7 65.0 97.4
51 37.3 28.3 42.5

Manual Integrations
APPROVED

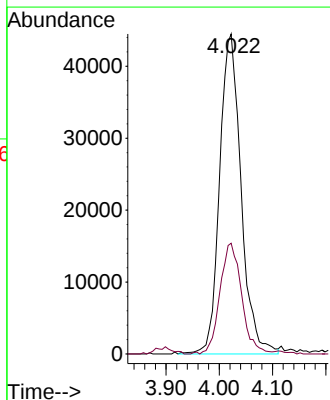
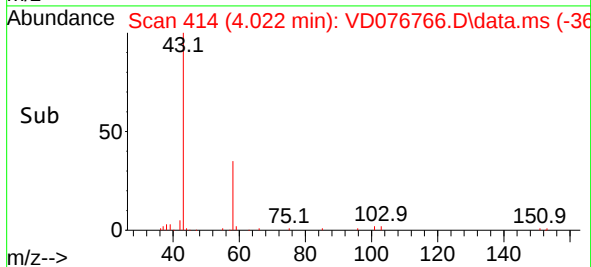
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023

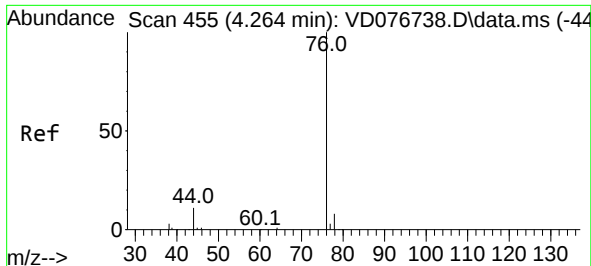


#16
Acetone
Concen: 252.882 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.005 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13



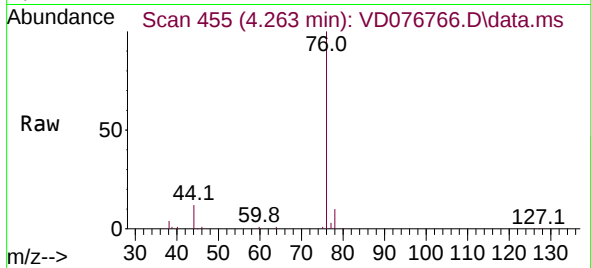
Tgt Ion: 43 Resp: 124515
Ion Ratio Lower Upper
43 100
58 33.8 34.7 52.1#





#17
Carbon Disulfide
Concen: 44.952 ug/l
RT: 4.263 min Scan# 41
Delta R.T. -0.001 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

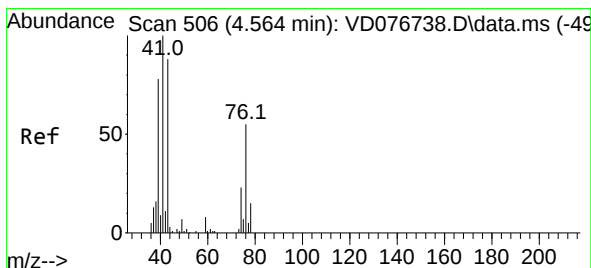
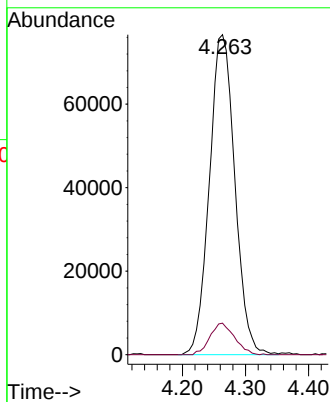
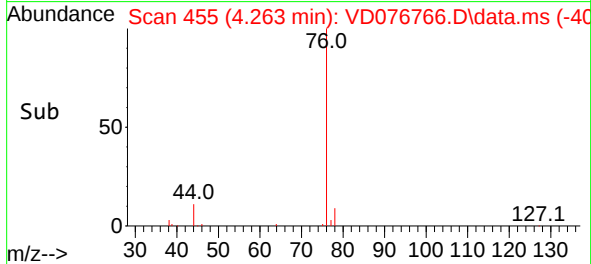
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 21475
Ion Ratio Lower Upper
76 100
78 9.9 6.8 10.2

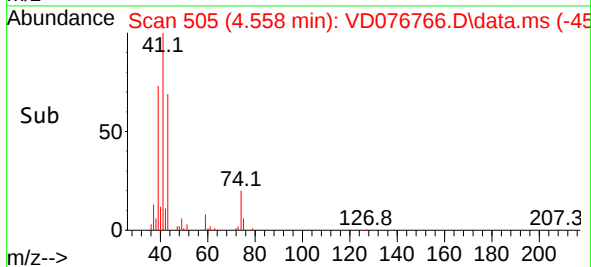
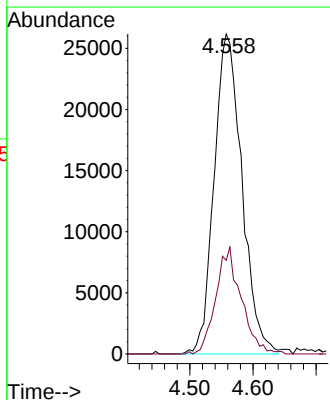
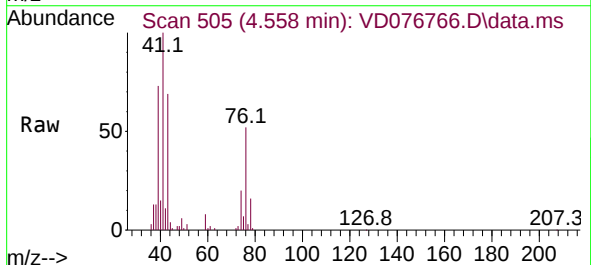
Manual Integrations
APPROVED

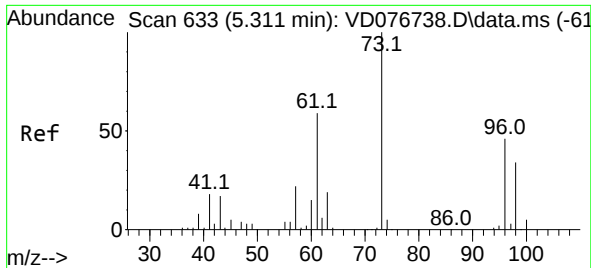
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#18
Methyl Acetate
Concen: 43.217 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

Tgt Ion: 43 Resp: 79950
Ion Ratio Lower Upper
43 100
74 30.6 26.4 39.6





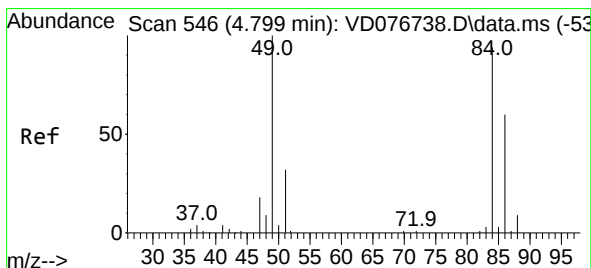
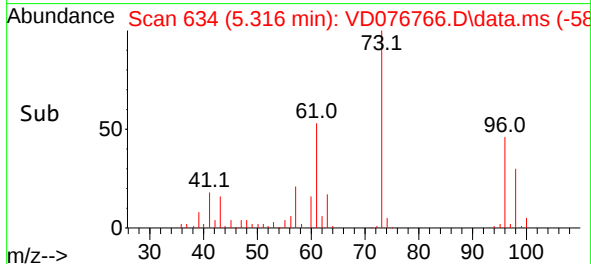
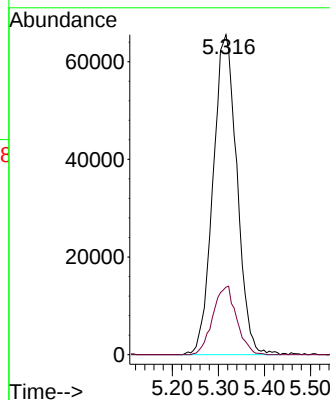
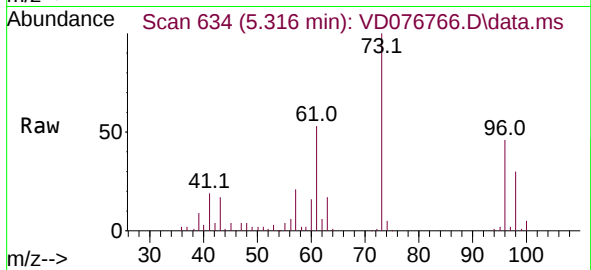
#19
Methyl tert-butyl Ether
Concen: 42.983 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.005 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 235770
Ion Ratio Lower Upper
73 100
57 21.1 16.6 25.0

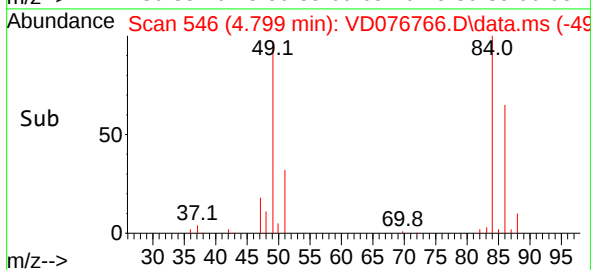
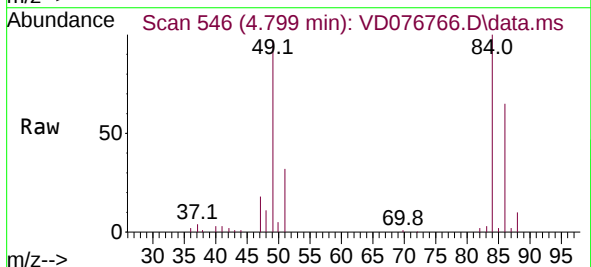
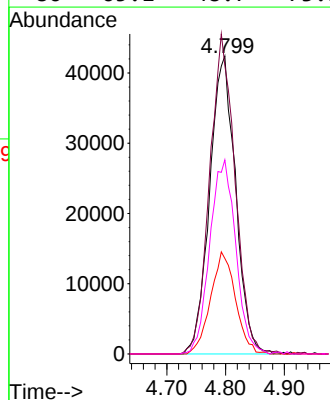
Manual Integrations
APPROVED

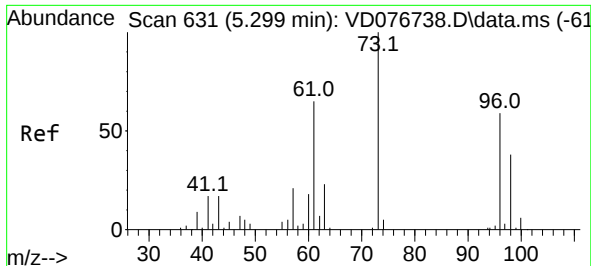
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#20
Methylene Chloride
Concen: 42.838 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

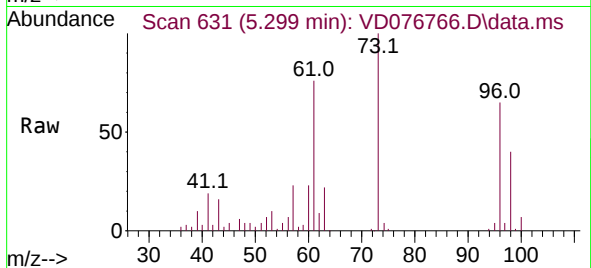
Tgt Ion: 84 Resp: 129924
Ion Ratio Lower Upper
84 100
49 96.9 71.4 107.2
51 32.1 24.5 36.7
86 65.1 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 44.425 ug/l
RT: 5.299 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

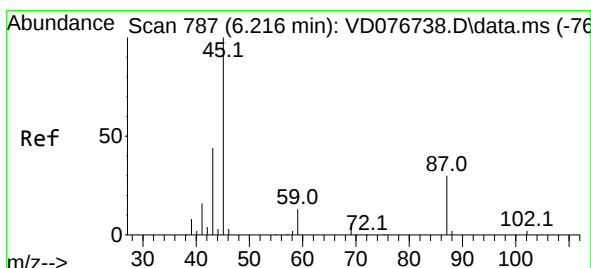
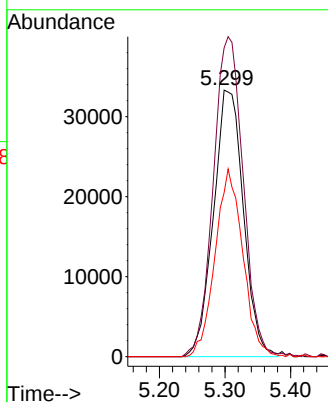
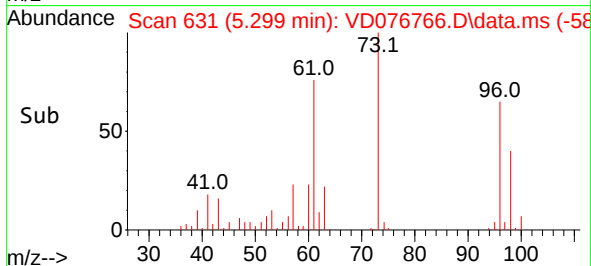
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



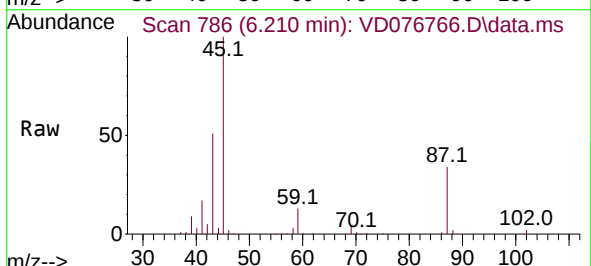
Tgt Ion: 96 Resp: 105624
Ion Ratio Lower Upper
96 100
61 115.8 89.3 133.9
98 61.5 48.6 73.0

Manual Integrations
APPROVED

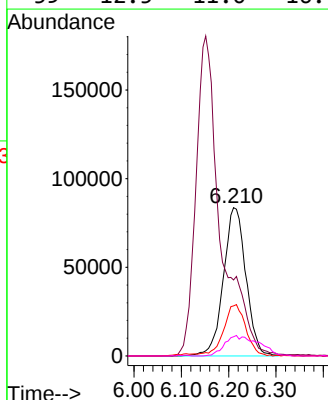
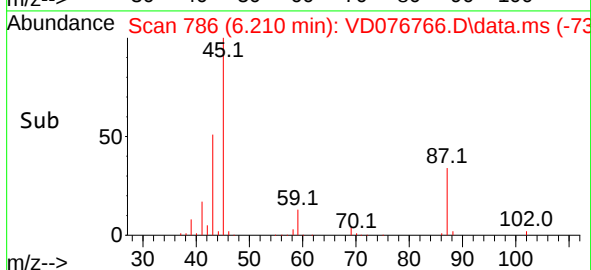
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023

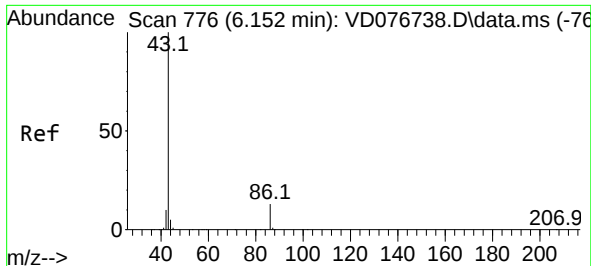


#22
Diisopropyl ether
Concen: 43.375 ug/l
RT: 6.210 min Scan# 786
Delta R.T. -0.006 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13



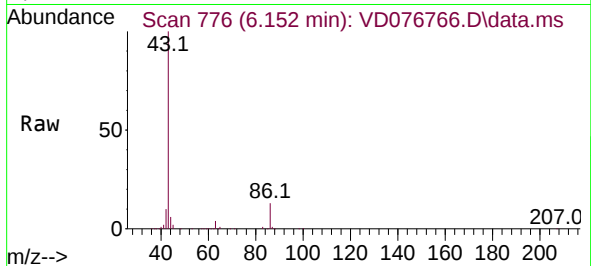
Tgt Ion: 45 Resp: 275982
Ion Ratio Lower Upper
45 100
43 50.2 40.0 60.0
87 33.4 28.2 42.4
59 12.5 11.0 16.4





#23
 Vinyl Acetate
 Concen: 208.770 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD076766.D
 Acq: 18 Jul 2023 09:13

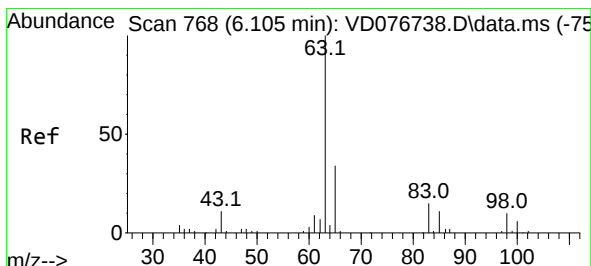
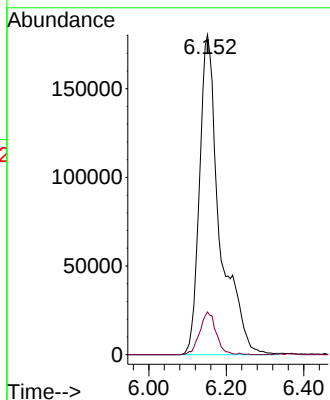
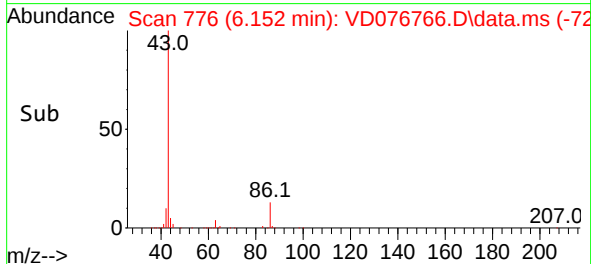
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



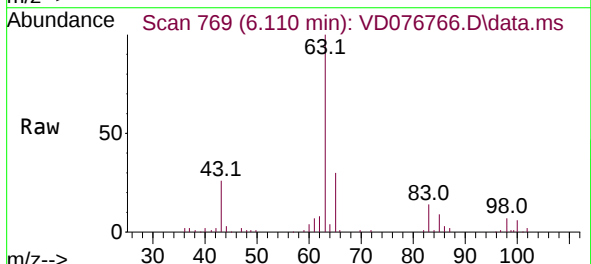
Tgt Ion: 43 Resp: 657248
 Ion Ratio Lower Upper
 43 100
 86 13.3 12.5 18.7

Manual Integrations
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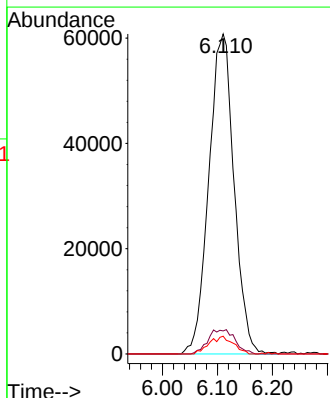
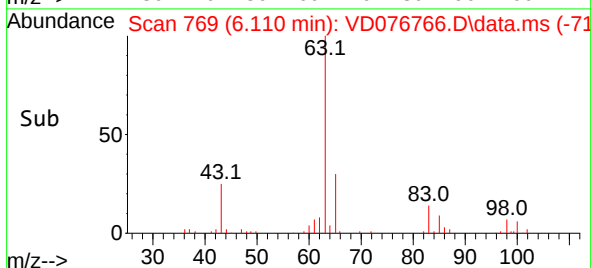
Reviewed By :John Carlone 07/19/2023
 Supervised By :Mahesh Dadoda 07/19/2023

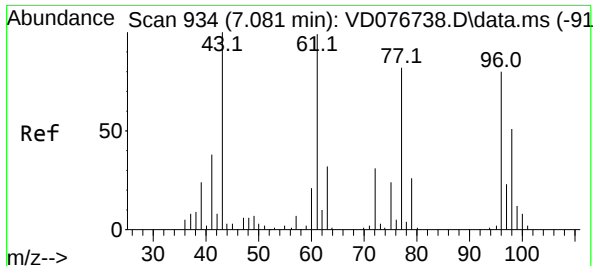


#24
 1,1-Dichloroethane
 Concen: 45.166 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.005 min
 Lab File: VD076766.D
 Acq: 18 Jul 2023 09:13



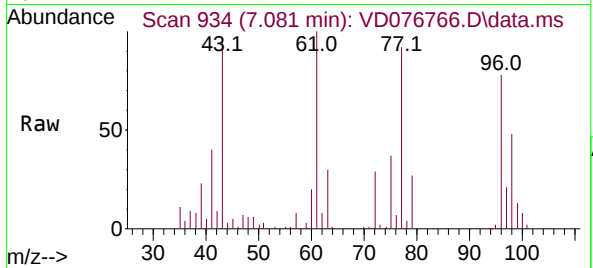
Tgt Ion: 63 Resp: 193763
 Ion Ratio Lower Upper
 63 100
 98 7.2 4.5 13.7
 100 5.5 2.5 7.5





#25
2-Butanone
Concen: 232.220 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

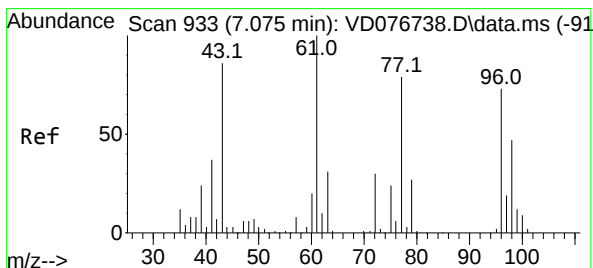
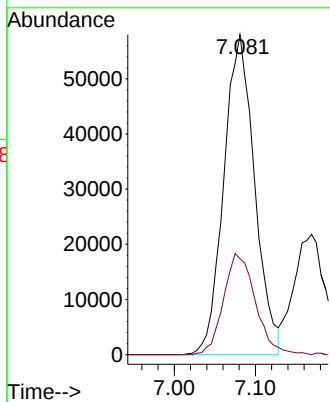
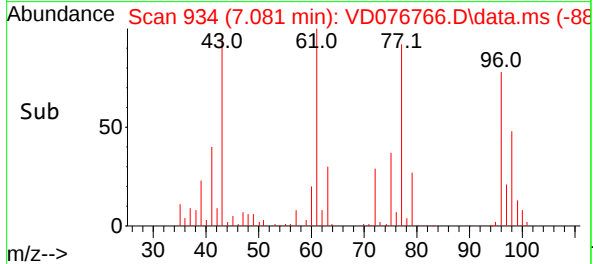
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



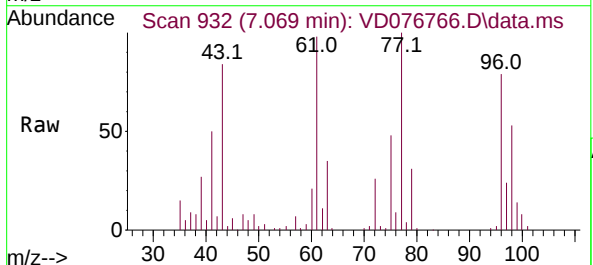
Tgt Ion: 43 Resp: 153029
Ion Ratio Lower Upper
43 100
72 30.1 30.7 46.1

Manual Integrations
APPROVED

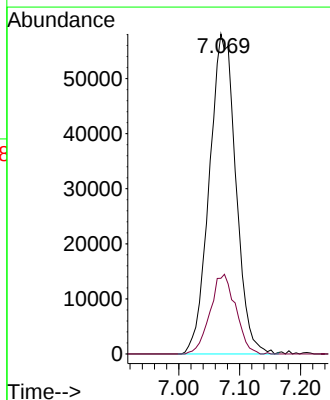
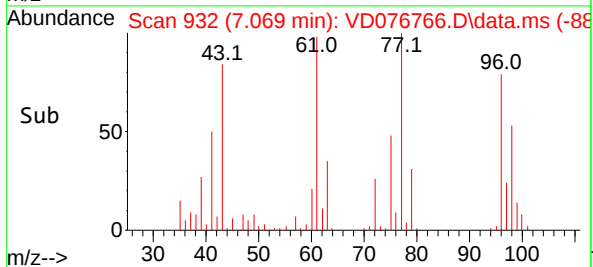
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#26
2,2-Dichloropropane
Concen: 47.471 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.006 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13



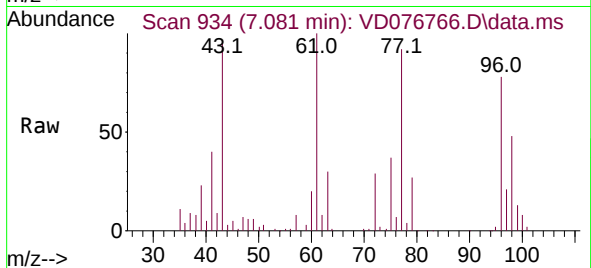
Tgt Ion: 77 Resp: 175551
Ion Ratio Lower Upper
77 100
97 24.0 13.2 39.6





#27
 cis-1,2-Dichloroethene
 Concen: 45.416 ug/l
 RT: 7.081 min Scan# 911
 Delta R.T. 0.006 min
 Lab File: VD076766.D
 Acq: 18 Jul 2023 09:13

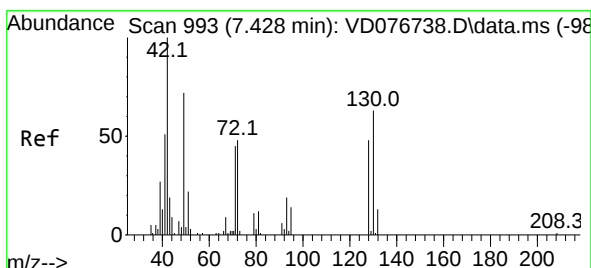
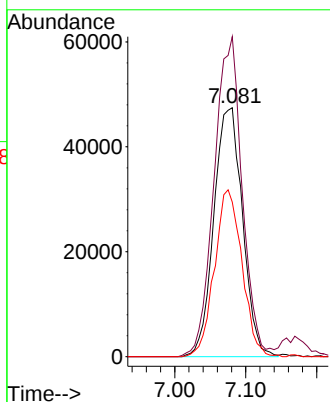
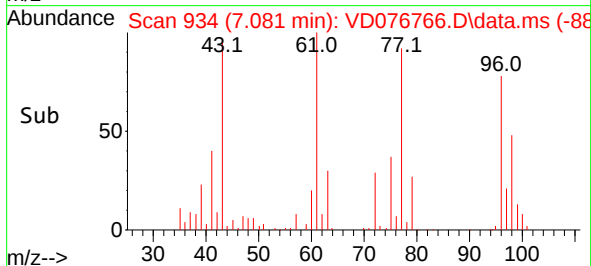
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 133115
 Ion Ratio Lower Upper
 96 100
 61 125.7 0.0 239.2
 98 64.3 0.0 128.6

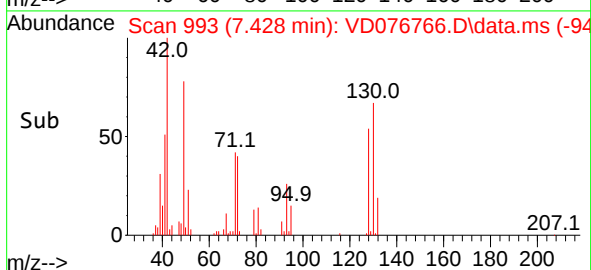
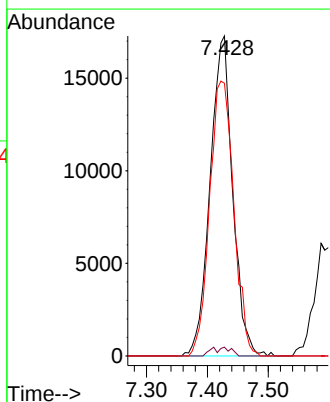
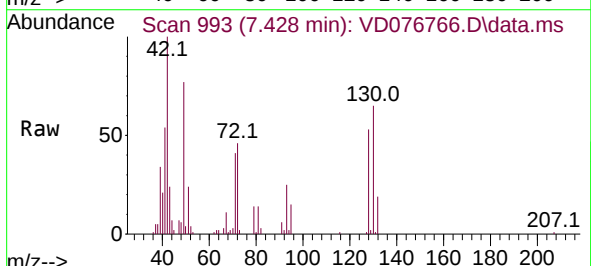
Manual Integrations
 APPROVED

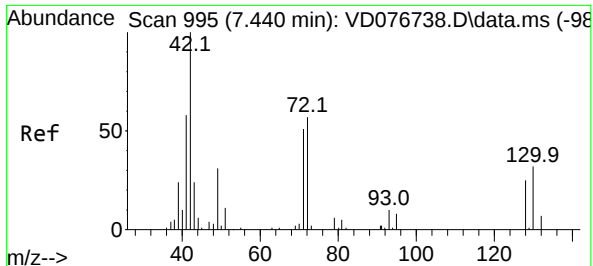
Reviewed By :John Carlone 07/19/2023
 Supervised By :Mahesh Dadoda 07/19/2023



#28
 Bromochloromethane
 Concen: 41.419 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. -0.000 min
 Lab File: VD076766.D
 Acq: 18 Jul 2023 09:13

Tgt Ion: 49 Resp: 44424
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 6.0
 130 91.8 83.2 124.8





#29

Tetrahydrofuran

Concen: 211.642 ug/l

RT: 7.446 min Scan# 995

Delta R.T. 0.006 min

Lab File: VD076766.D

Acq: 18 Jul 2023 09:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

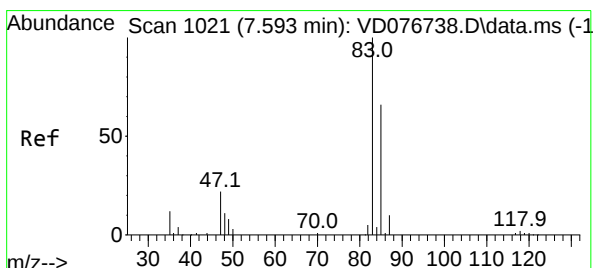
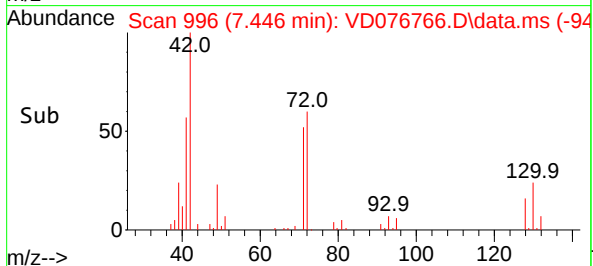
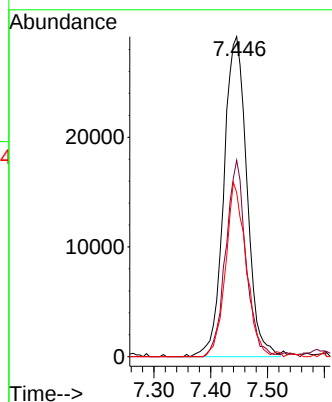
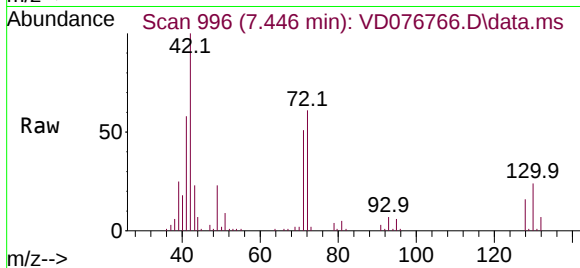
Tgt Ion:	42	Resp:	8240
Ion Ratio	Lower	Upper	
42	100		
72	53.9	46.5	69.7
71	48.2	44.5	66.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2023

Supervised By :Mahesh Dadoda 07/19/2023



#30

Chloroform

Concen: 46.107 ug/l

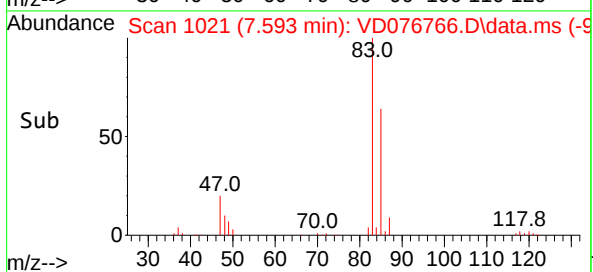
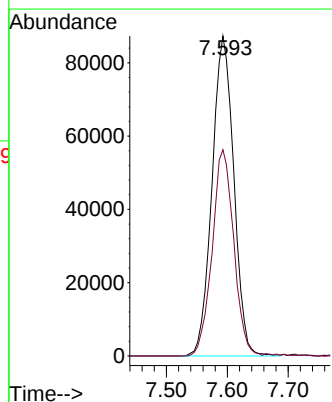
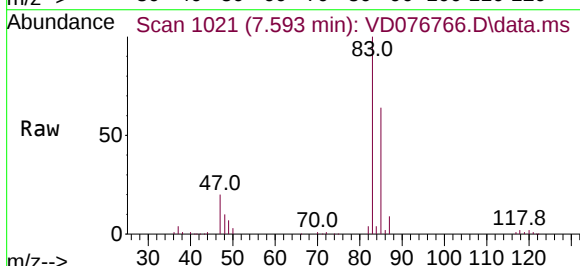
RT: 7.593 min Scan# 1021

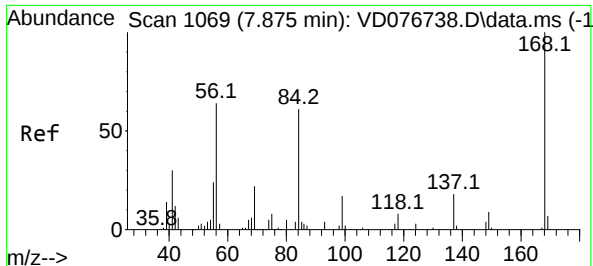
Delta R.T. -0.000 min

Lab File: VD076766.D

Acq: 18 Jul 2023 09:13

Tgt Ion:	83	Resp:	216645
Ion Ratio	Lower	Upper	
83	100		
85	64.4	53.4	80.2





#31

Cyclohexane

Concen: 46.726 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD076766.D

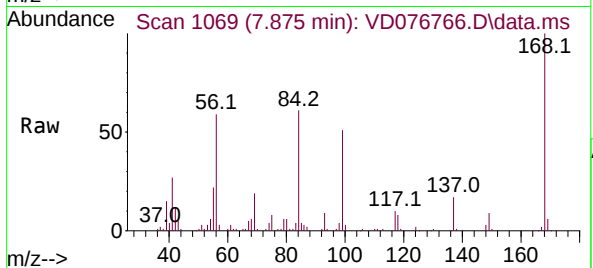
Acq: 18 Jul 2023 09:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050



Tgt Ion: 56 Resp: 141770

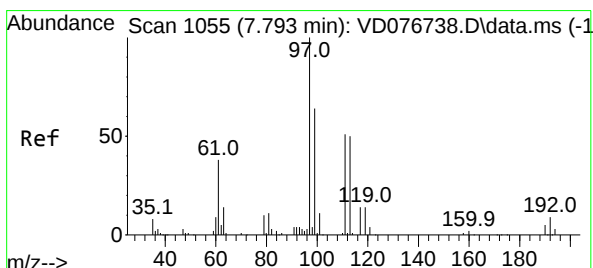
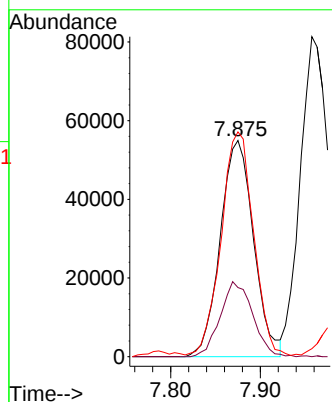
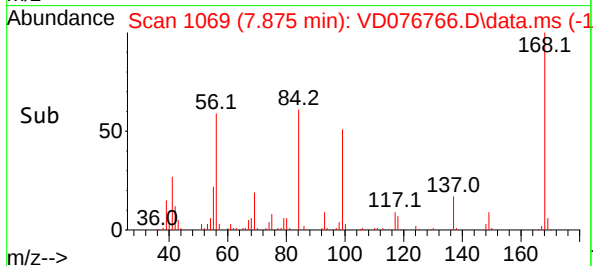
Ion	Ratio	Lower	Upper
56	100		
69	32.0	28.6	43.0
84	102.5	84.8	127.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2023

Supervised By :Mahesh Dadoda 07/19/2023



#32

1,1,1-Trichloroethane

Concen: 49.149 ug/l

RT: 7.793 min Scan# 1055

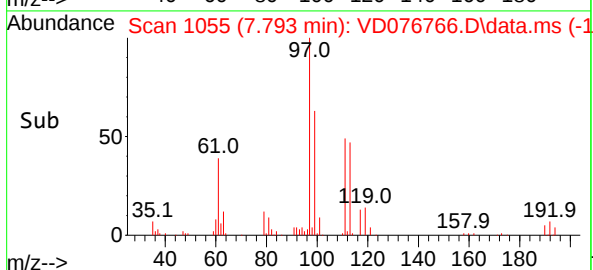
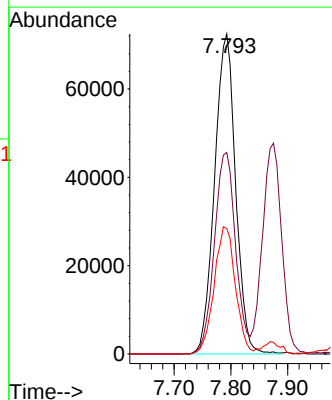
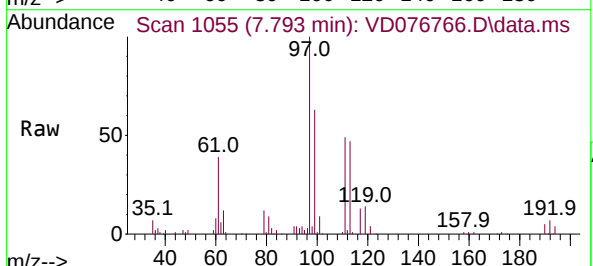
Delta R.T. -0.000 min

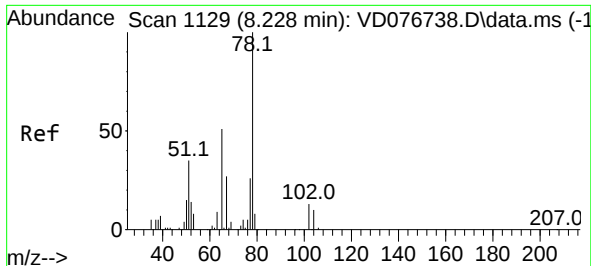
Lab File: VD076766.D

Acq: 18 Jul 2023 09:13

Tgt Ion: 97 Resp: 186326

Ion	Ratio	Lower	Upper
97	100		
99	63.9	52.0	78.0
61	40.1	33.8	50.8





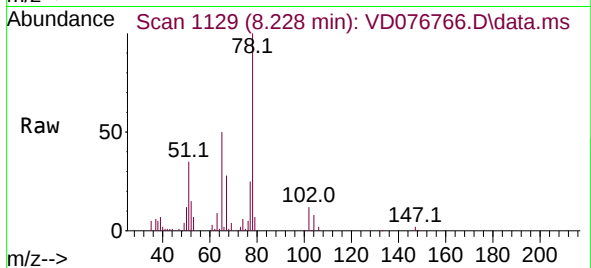
#33
1,2-Dichloroethane-d4
Concen: 41.865 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050



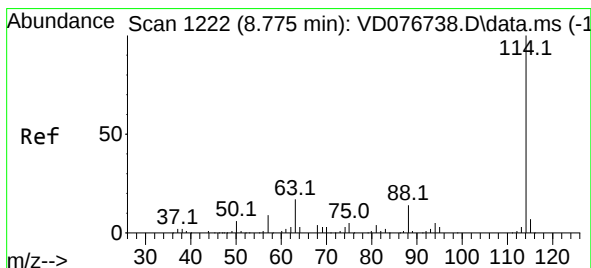
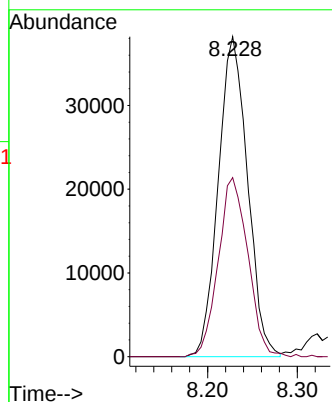
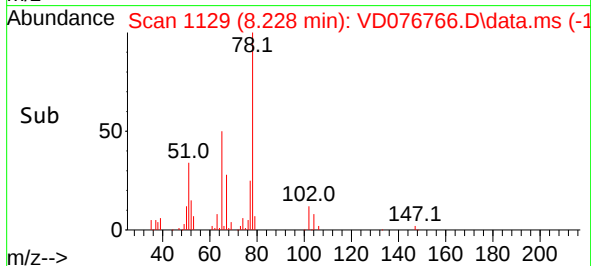
Tgt Ion: 65 Resp: 86314
Ion Ratio Lower Upper
65 100
67 56.7 0.0 115.0

Manual Integrations

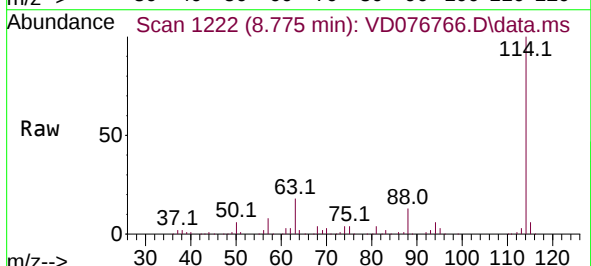
APPROVED

Reviewed By :John Carlone 07/19/2023

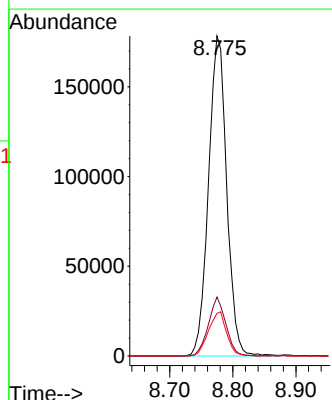
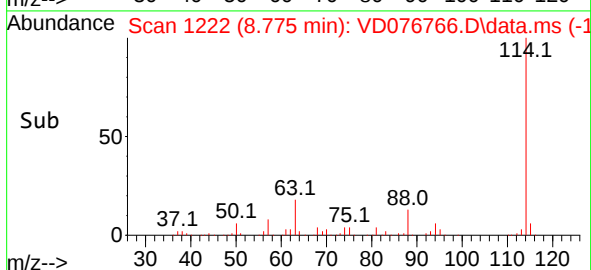
Supervised By :Mahesh Dadoda 07/19/2023

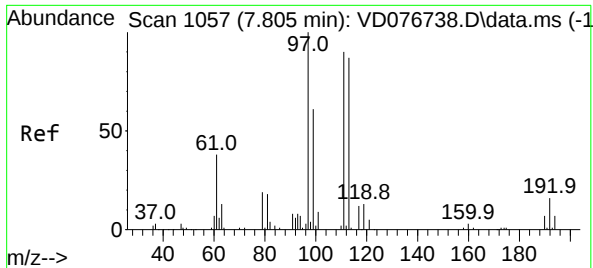


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13



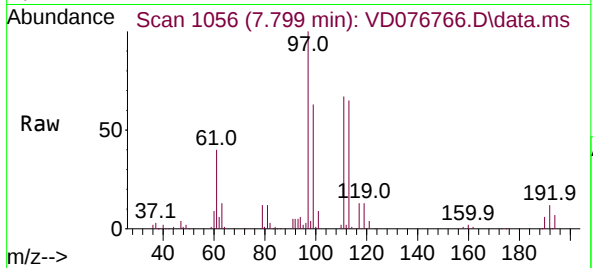
Tgt Ion:114 Resp: 357390
Ion Ratio Lower Upper
114 100
63 18.4 0.0 33.4
88 13.3 0.0 26.2





#35
Dibromofluoromethane
Concen: 45.293 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

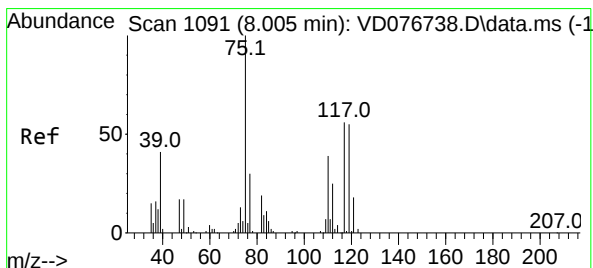
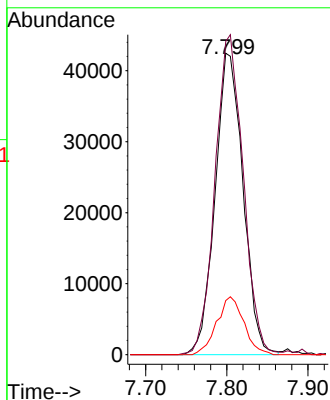
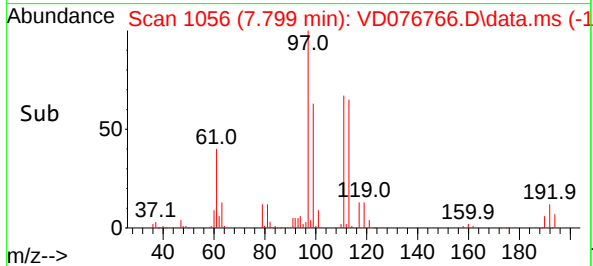
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



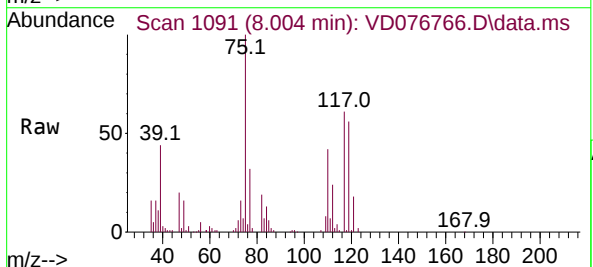
Tgt Ion: 113 Resp: 10172
Ion Ratio Lower Upper
113 100
111 106.5 84.7 127.1
192 18.6 16.8 25.2

Manual Integrations
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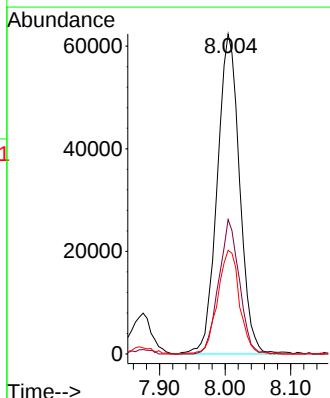
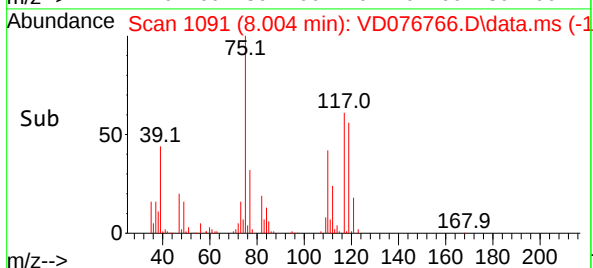
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023

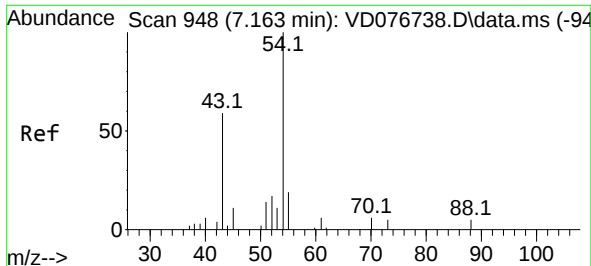


#36
1,1-Dichloropropene
Concen: 50.270 ug/l
RT: 8.004 min Scan# 1091
Delta R.T. -0.001 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13



Tgt Ion: 75 Resp: 147530
Ion Ratio Lower Upper
75 100
110 38.7 19.9 59.6
77 31.7 24.7 37.1





#37

Ethyl Acetate

Concen: 44.637 ug/l

RT: 7.169 min Scan# 948

Delta R.T. 0.006 min

Lab File: VD076766.D

Acq: 18 Jul 2023 09:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 58584

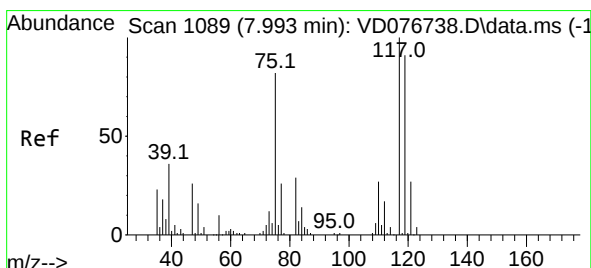
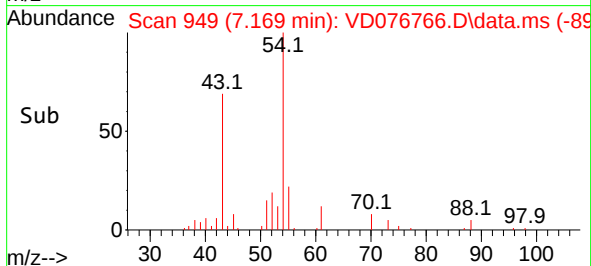
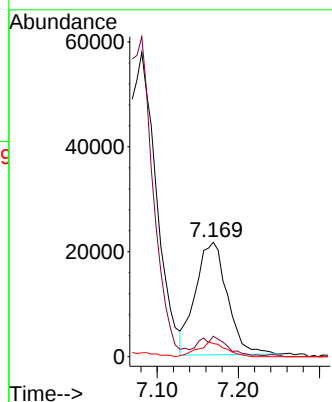
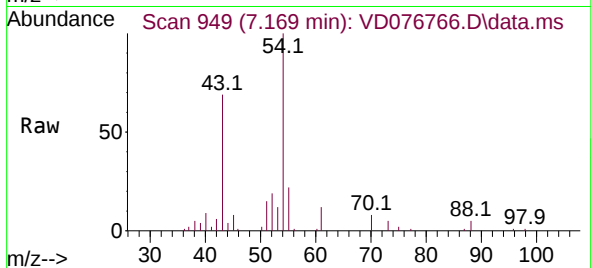
Ion	Ratio	Lower	Upper
43	100		
61	0.0	14.9	22.3
70	11.2	10.0	15.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2023

Supervised By :Mahesh Dadoda 07/19/2023



#38

Carbon Tetrachloride

Concen: 52.838 ug/l

RT: 7.987 min Scan# 1088

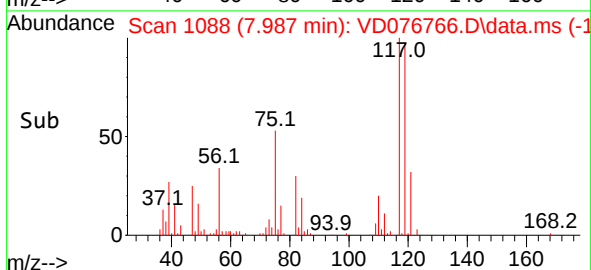
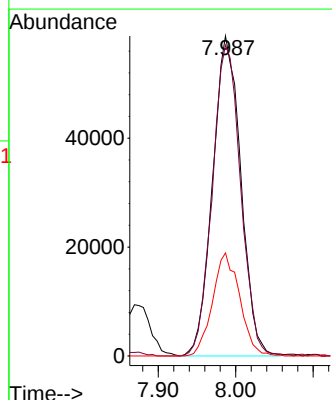
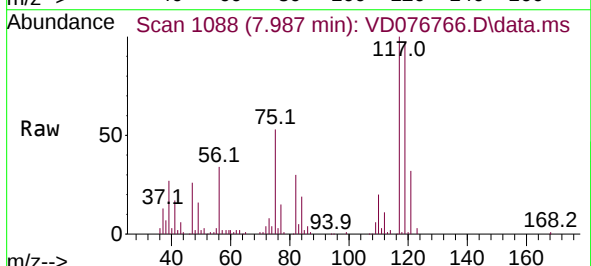
Delta R.T. -0.006 min

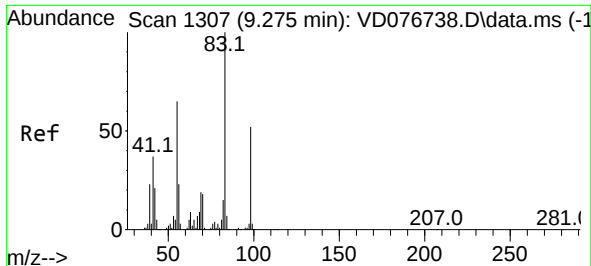
Lab File: VD076766.D

Acq: 18 Jul 2023 09:13

Tgt Ion:117 Resp: 148479

Ion	Ratio	Lower	Upper
117	100		
119	97.1	78.0	117.0
121	32.2	24.2	36.2





#39

Methylcyclohexane

Concen: 51.337 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD076766.D

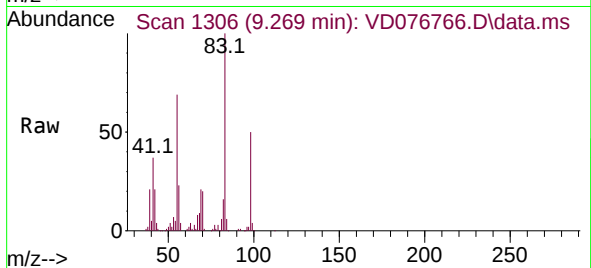
Acq: 18 Jul 2023 09:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050



Tgt Ion: 83 Resp: 173962

Ion Ratio Lower Upper

83 100

55 68.9 49.4 74.0

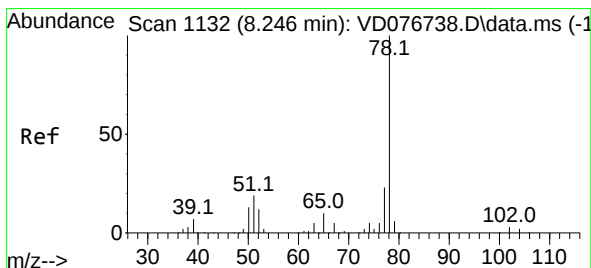
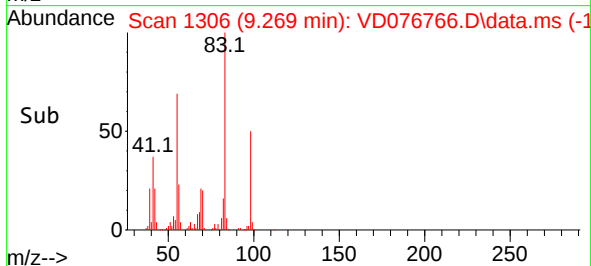
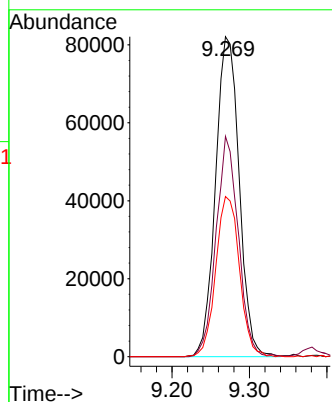
98 50.1 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2023

Supervised By :Mahesh Dadoda 07/19/2023



#40

Benzene

Concen: 47.536 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. 0.005 min

Lab File: VD076766.D

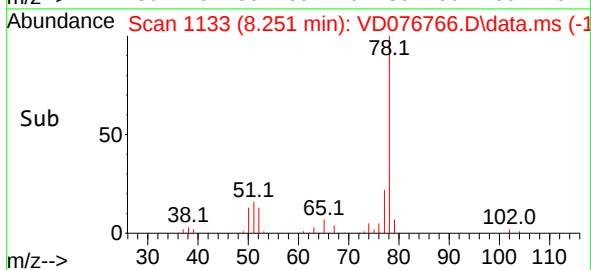
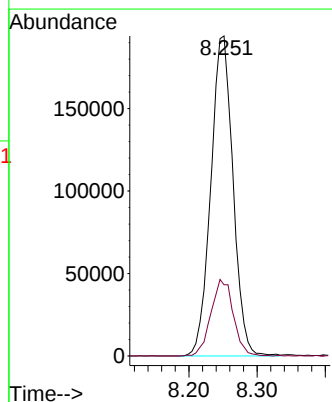
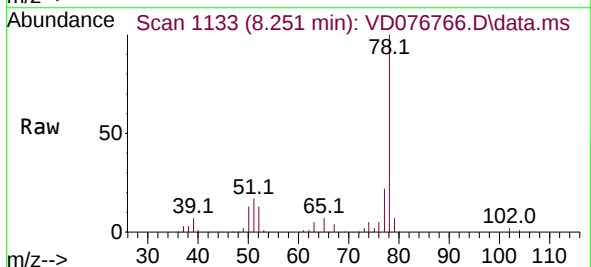
Acq: 18 Jul 2023 09:13

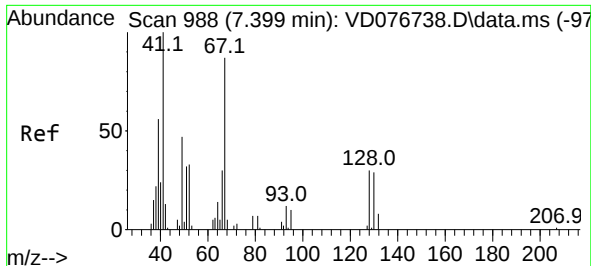
Tgt Ion: 78 Resp: 440177

Ion Ratio Lower Upper

78 100

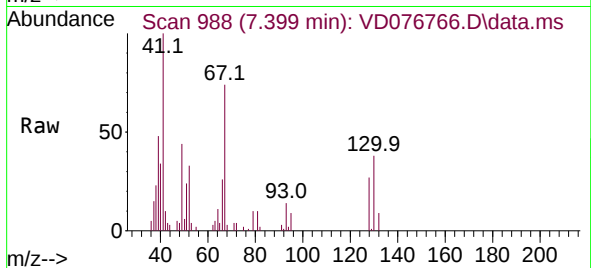
77 22.3 19.4 29.0





#41
Methacrylonitrile
Concen: 43.809 ug/l
RT: 7.399 min Scan# 911
Delta R.T. -0.000 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

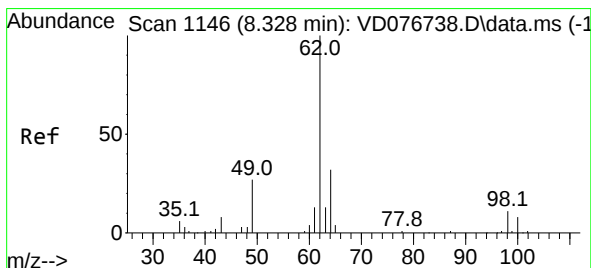
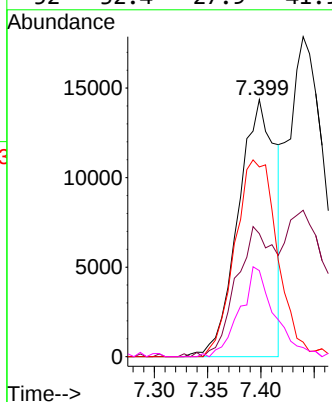
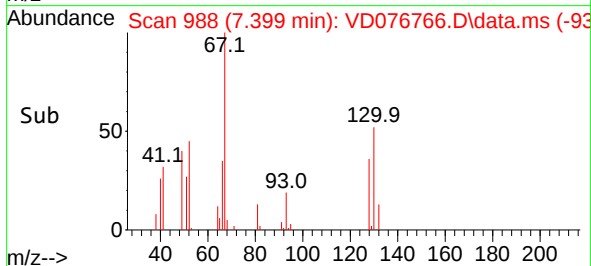
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



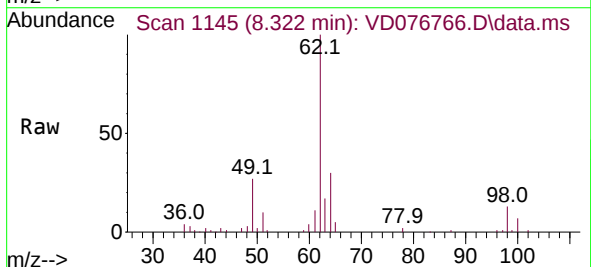
Tgt Ion: 41 Resp: 3511
Ion Ratio Lower Upper
41 100
39 51.8 34.0 51.0
67 87.2 77.0 115.4
52 32.4 27.9 41.9

Manual Integrations
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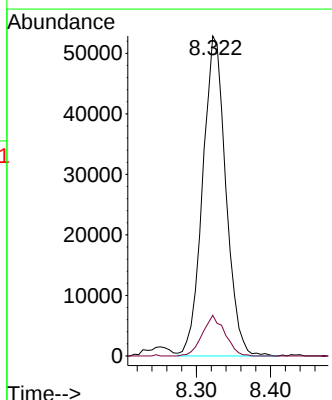
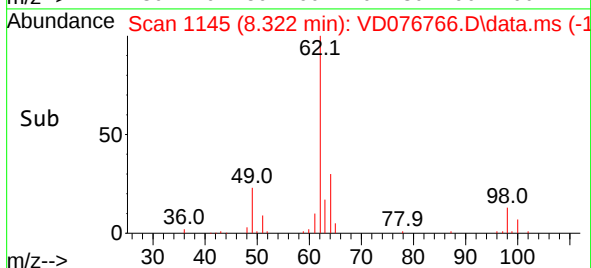
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023

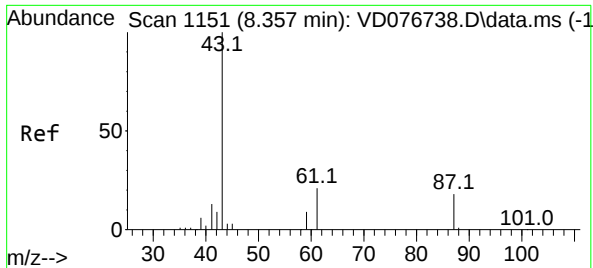


#42
1,2-Dichloroethane
Concen: 47.761 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13



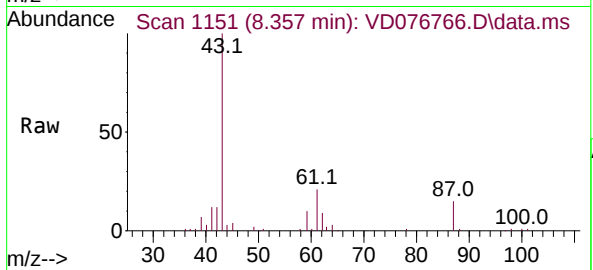
Tgt Ion: 62 Resp: 114911
Ion Ratio Lower Upper
62 100
98 12.3 0.0 25.4





#43
Isopropyl Acetate
Concen: 44.830 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

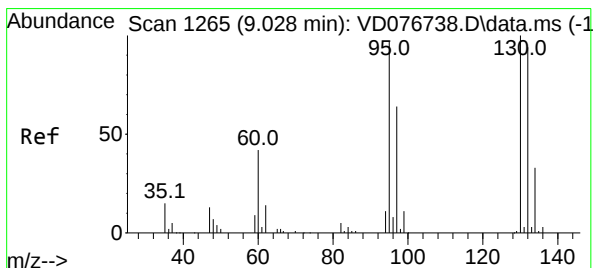
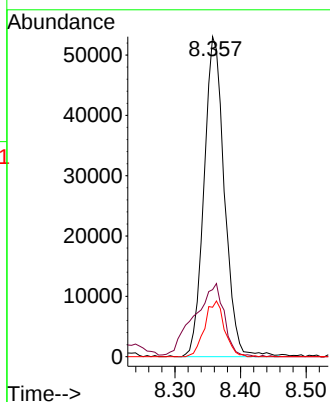
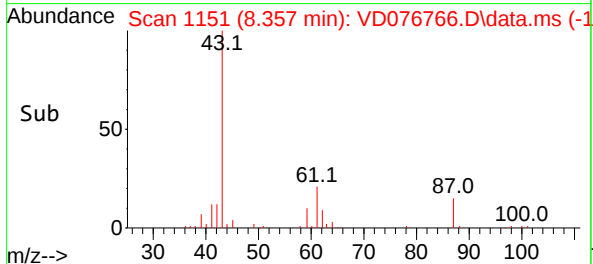
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



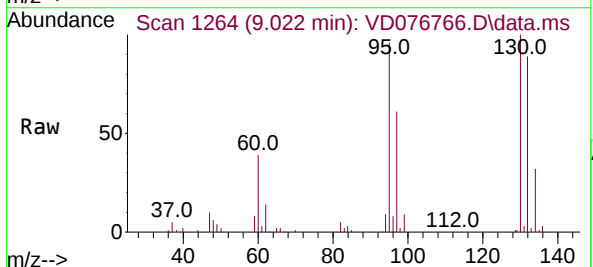
Tgt Ion: 43 Resp: 114825
Ion Ratio Lower Upper
43 100
61 33.5 31.4 47.0
87 16.9 14.9 22.3

Manual Integrations
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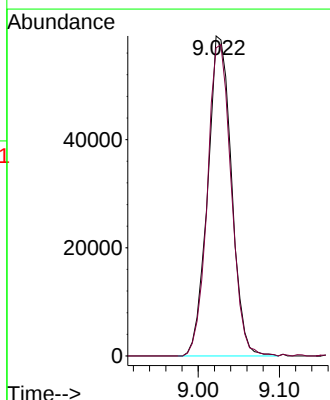
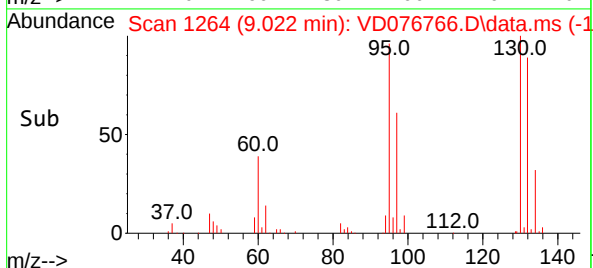
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023

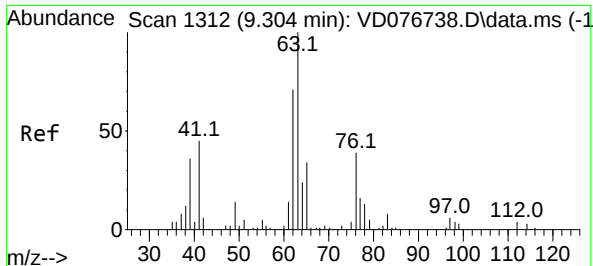


#44
Trichloroethene
Concen: 47.895 ug/l
RT: 9.022 min Scan# 1264
Delta R.T. -0.006 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13



Tgt Ion:130 Resp: 120854
Ion Ratio Lower Upper
130 100
95 96.3 0.0 179.2





#45

1,2-Dichloropropane

Concen: 47.538 ug/l

RT: 9.304 min Scan# 113629

Delta R.T. 0.000 min

Lab File: VD076766.D

Acq: 18 Jul 2023 09:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 113629

Ion Ratio Lower Upper

63 100

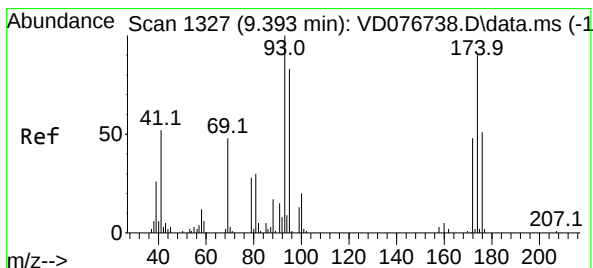
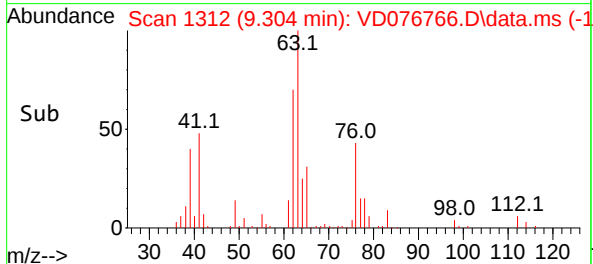
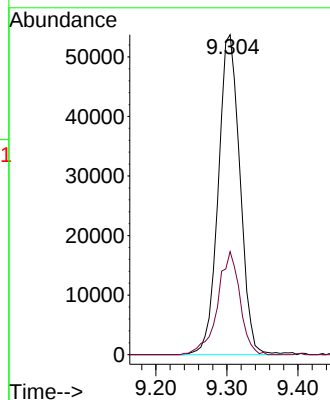
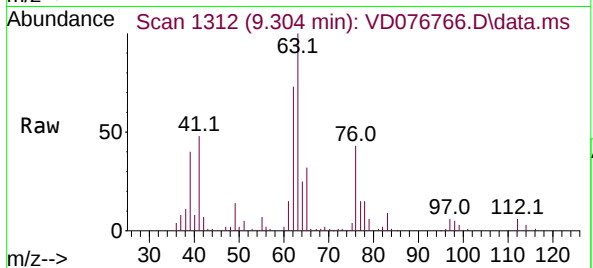
65 32.2 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2023

Supervised By :Mahesh Dadoda 07/19/2023



#46

Dibromomethane

Concen: 46.596 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD076766.D

Acq: 18 Jul 2023 09:13

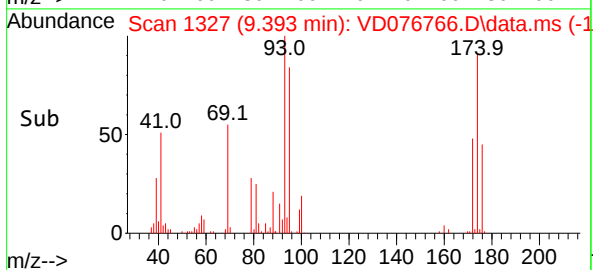
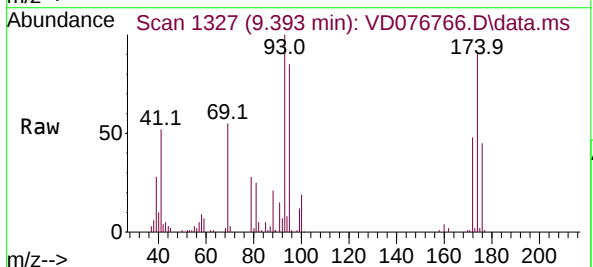
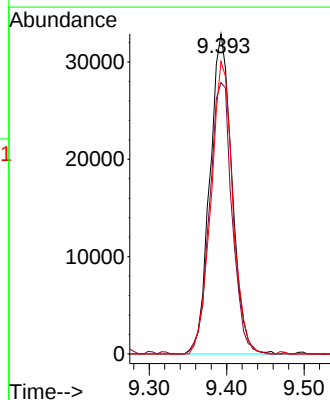
Tgt Ion: 93 Resp: 65194

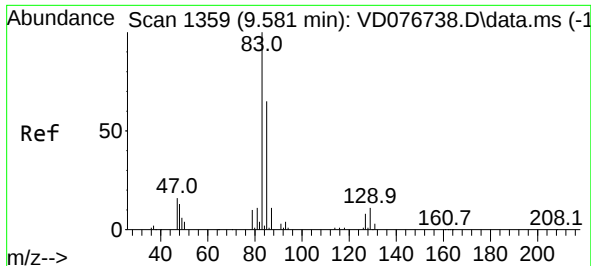
Ion Ratio Lower Upper

93 100

95 86.3 67.7 101.5

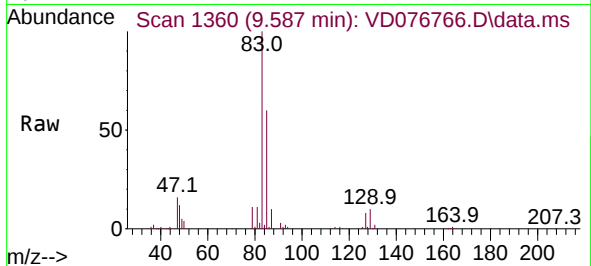
174 90.1 85.4 128.2





#47
Bromodichloromethane
Concen: 46.585 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.006 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

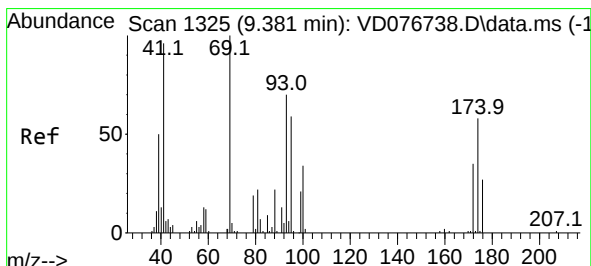
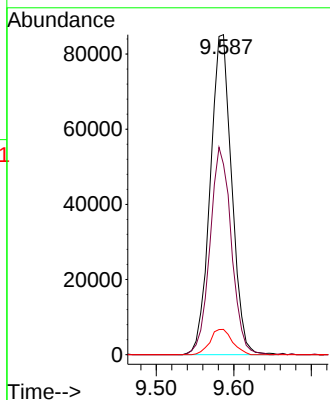
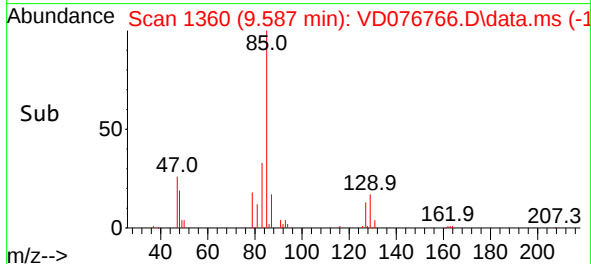
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 163562
Ion Ratio Lower Upper
83 100
85 59.5 50.2 75.4
127 7.9 6.3 9.5

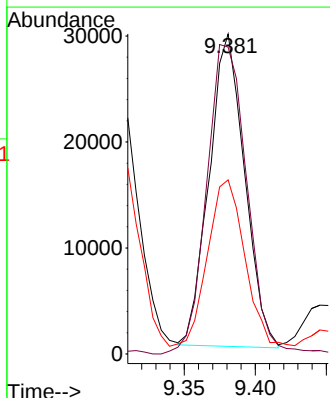
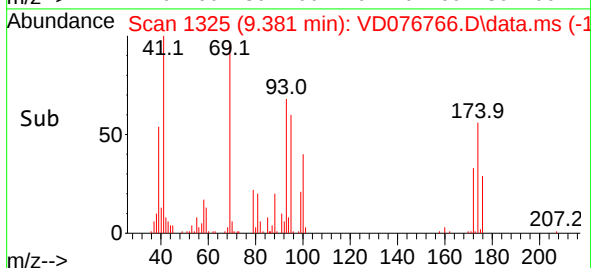
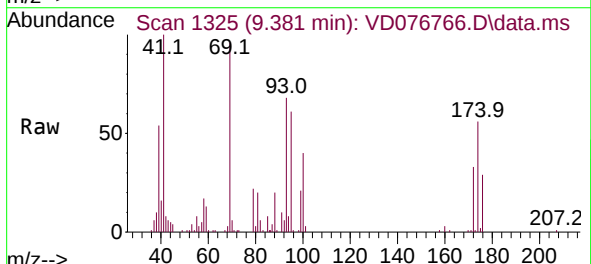
Manual Integrations
APPROVED

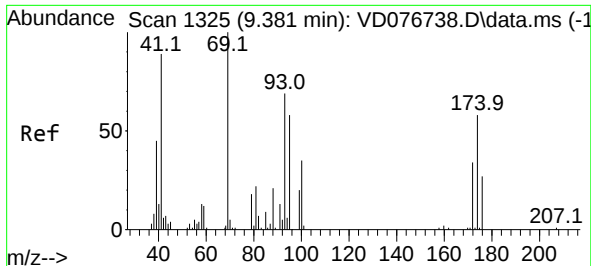
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#48
Methyl methacrylate
Concen: 43.845 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

Tgt Ion: 41 Resp: 51113
Ion Ratio Lower Upper
41 100
69 112.7 102.2 153.2
39 57.4 41.4 62.2





#49

1,4-Dioxane

Concen: 906.515 ug/l

RT: 9.393 min Scan# 11

Delta R.T. 0.012 min

Lab File: VD076766.D

Acq: 18 Jul 2023 09:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

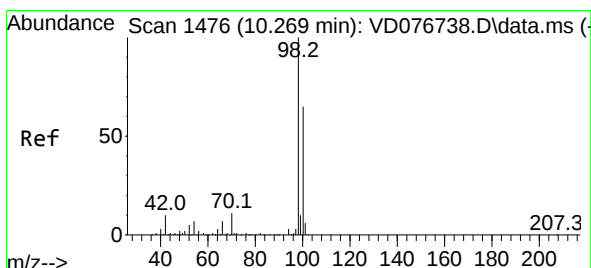
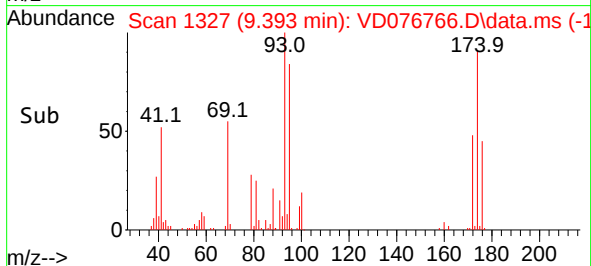
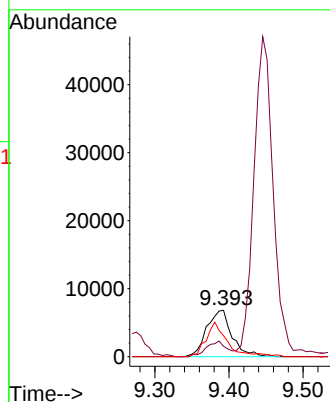
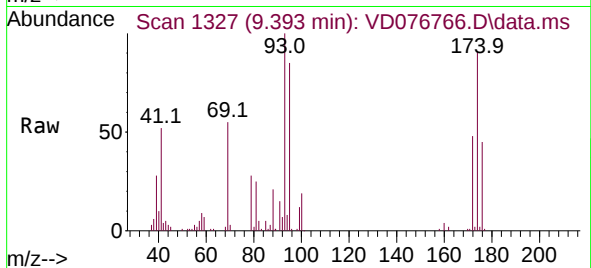
Tgt Ion:	88	Resp:	16250
Ion	Ratio	Lower	Upper
88	100		
43	26.2	19.0	28.6
58	62.6	43.5	65.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2023

Supervised By :Mahesh Dadoda 07/19/2023



#50

Toluene-d8

Concen: 45.157 ug/l

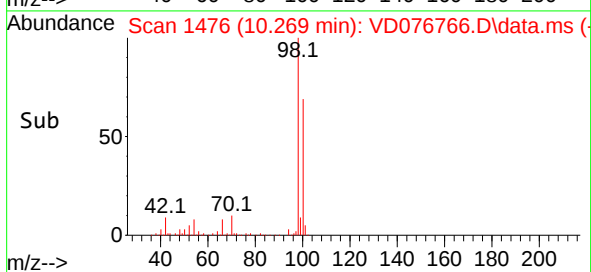
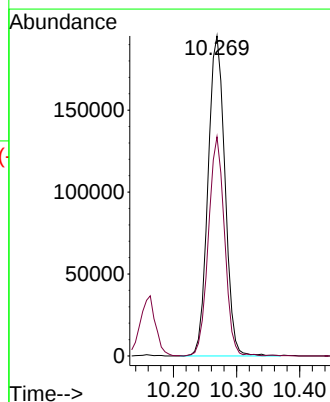
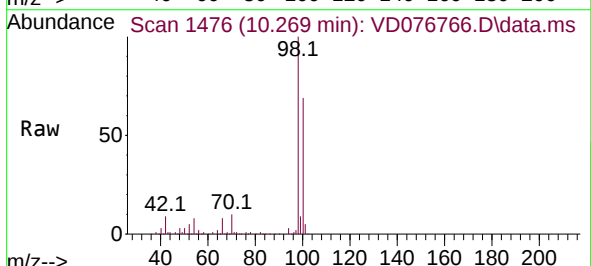
RT: 10.269 min Scan# 1476

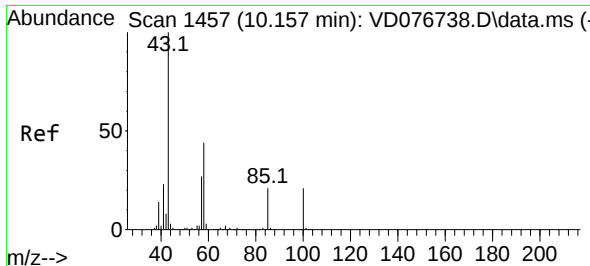
Delta R.T. -0.000 min

Lab File: VD076766.D

Acq: 18 Jul 2023 09:13

Tgt Ion:	98	Resp:	362809
Ion	Ratio	Lower	Upper
98	100		
100	65.5	50.3	75.5





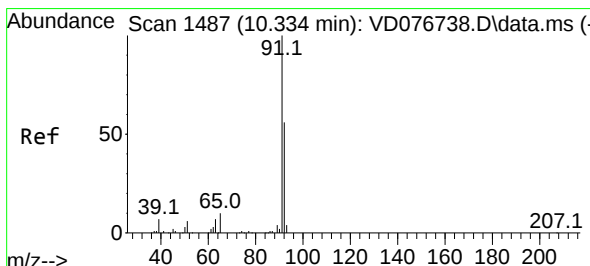
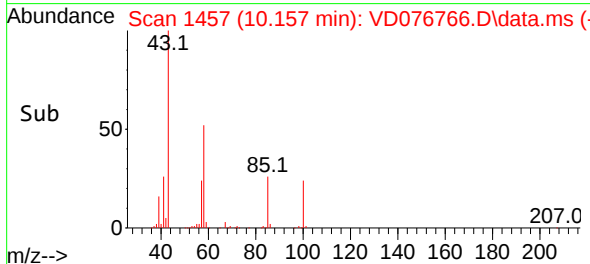
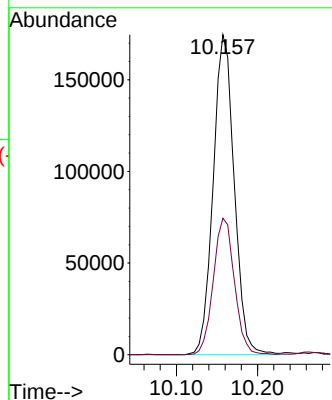
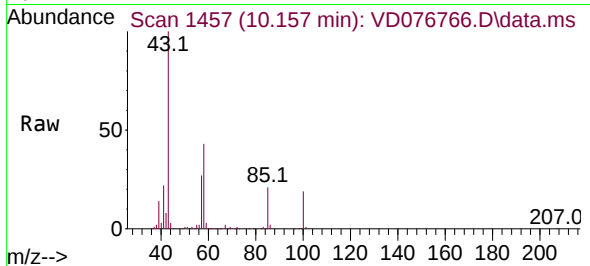
#51
4-Methyl-2-Pentanone
Concen: 230.646 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 31454
Ion Ratio Lower Upper
43 100
58 42.8 38.9 58.3

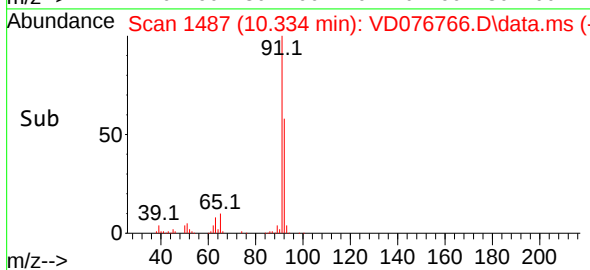
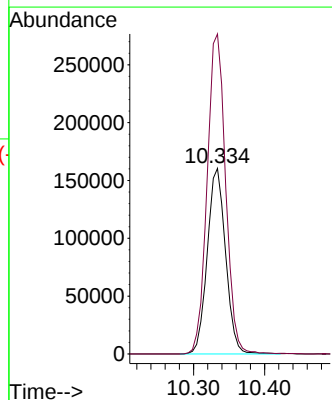
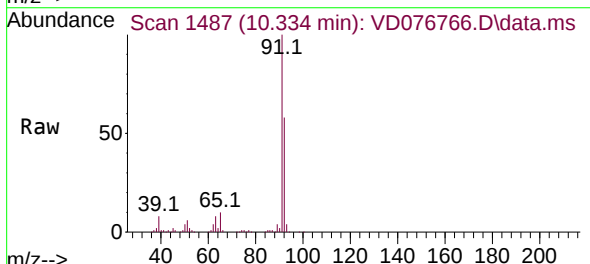
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#52
Toluene
Concen: 47.341 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

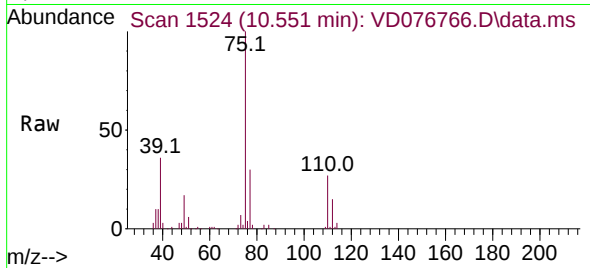
Tgt Ion: 92 Resp: 287911
Ion Ratio Lower Upper
92 100
91 174.3 143.0 214.4





#53
 t-1,3-Dichloropropene
 Concen: 46.571 ug/l
 RT: 10.551 min Scan# 1524
 Delta R.T. 0.000 min
 Lab File: VD076766.D
 Acq: 18 Jul 2023 09:13

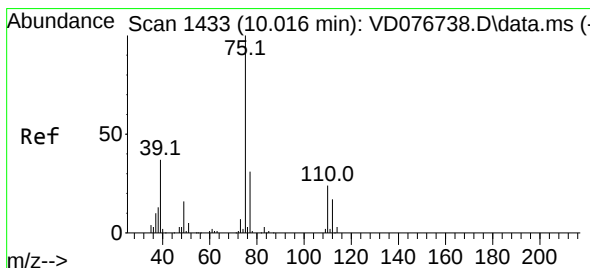
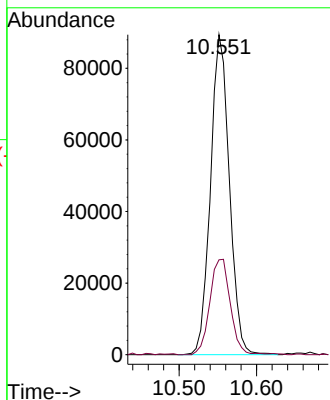
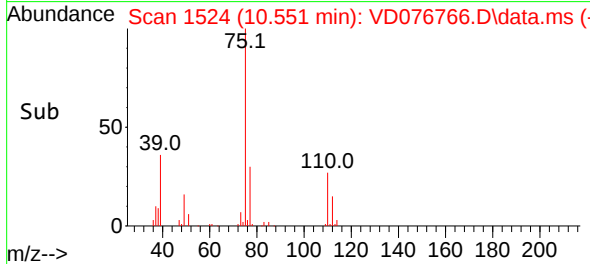
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



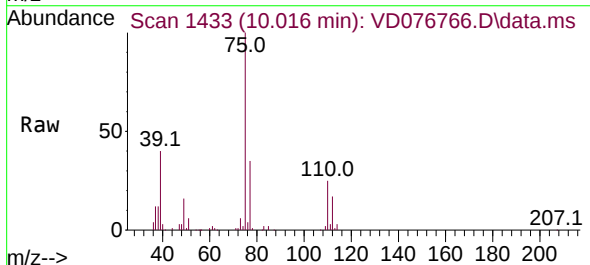
Tgt Ion: 75 Resp: 15177
 Ion Ratio Lower Upper
 75 100
 77 29.6 25.3 37.9

Manual Integrations
 APPROVED

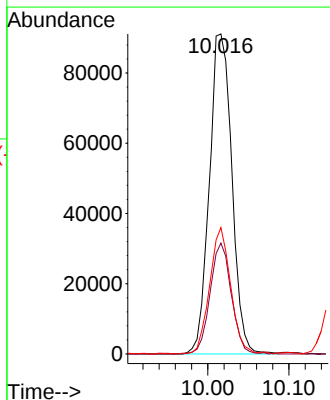
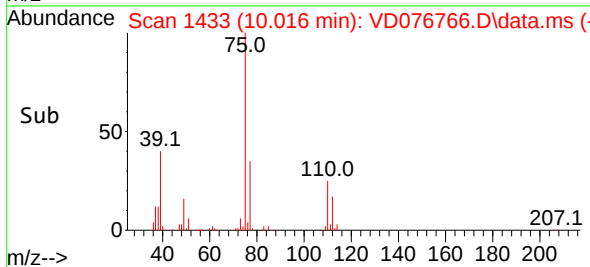
Reviewed By :John Carlone 07/19/2023
 Supervised By :Mahesh Dadoda 07/19/2023

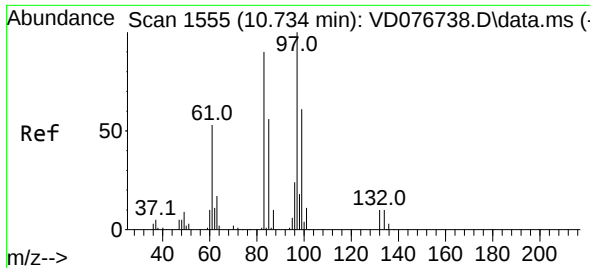


#54
 cis-1,3-Dichloropropene
 Concen: 45.736 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD076766.D
 Acq: 18 Jul 2023 09:13



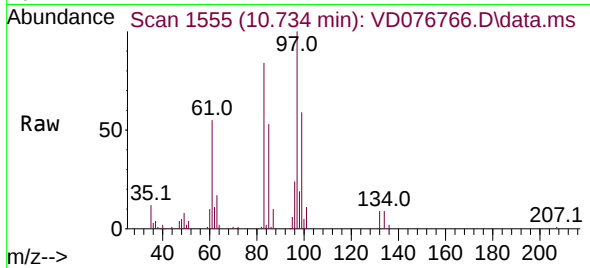
Tgt Ion: 75 Resp: 175663
 Ion Ratio Lower Upper
 75 100
 77 34.7 25.5 38.3
 39 39.5 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 46.230 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

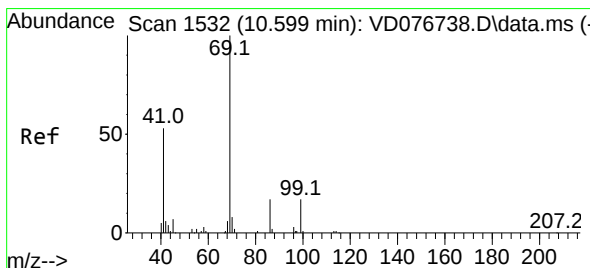
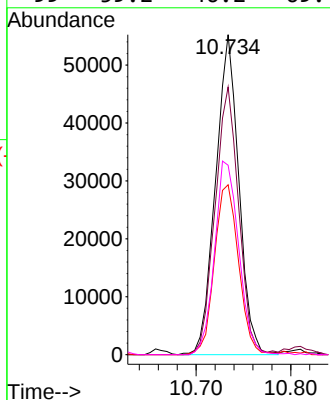
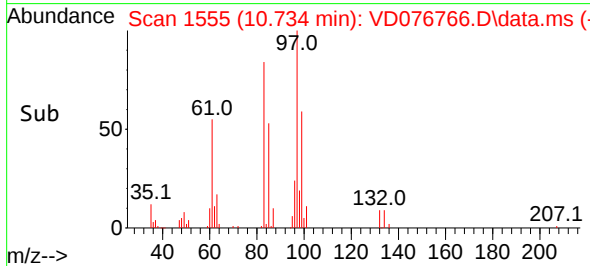
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



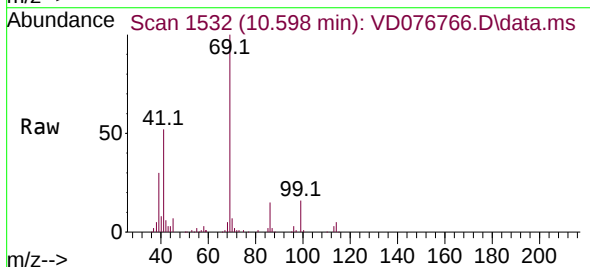
Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.7	65.8	98.6
85	53.1	45.7	68.5
99	59.2	46.2	69.4

Manual Integrations
APPROVED

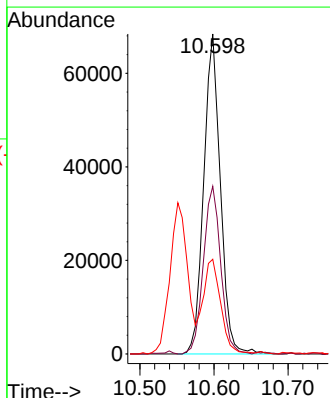
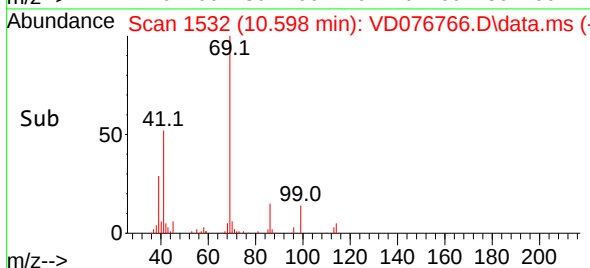
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023

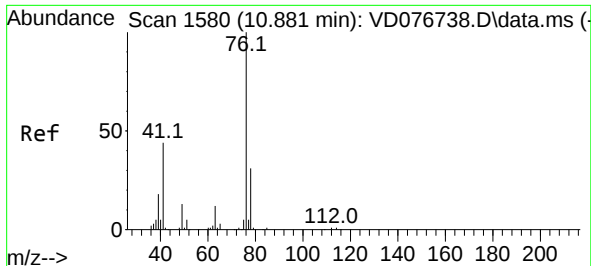


#56
Ethyl methacrylate
Concen: 45.248 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.001 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13



Tgt Ion	Ratio	Lower	Upper
69	100		
41	54.7	39.1	58.7
39	30.8	20.0	30.0#





#57
1,3-Dichloropropane
Concen: 45.616 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

Instrument :

MSVOA_D

ClientSampleId :

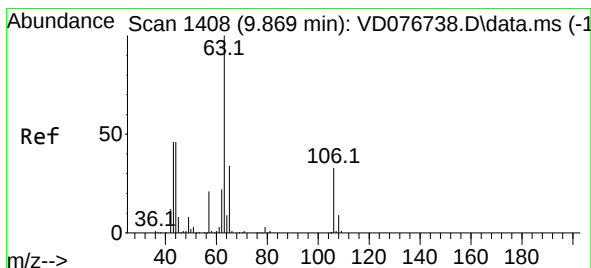
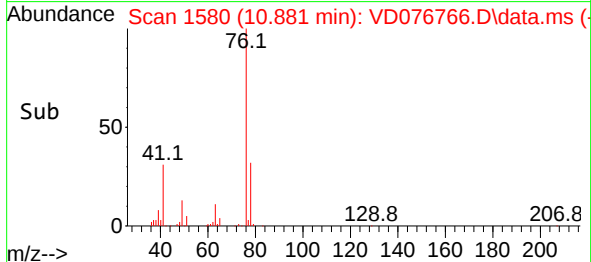
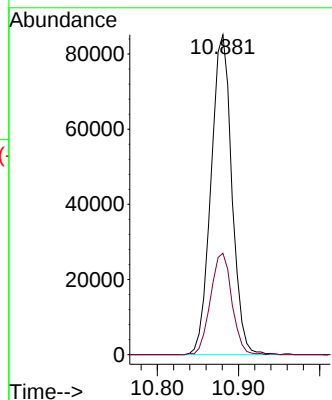
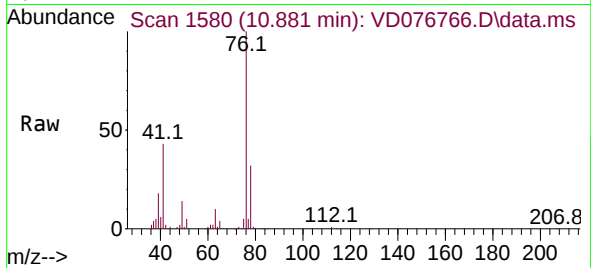
VSTDCCC050

Tgt Ion: 76 Resp: 151770
Ion Ratio Lower Upper
76 100
78 32.5 26.4 39.6

Manual Integrations

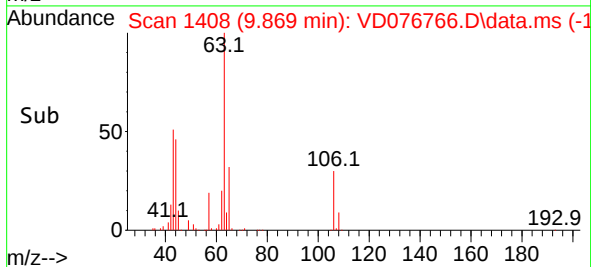
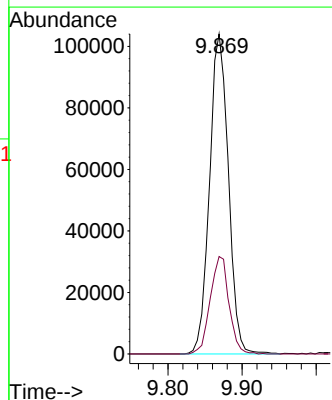
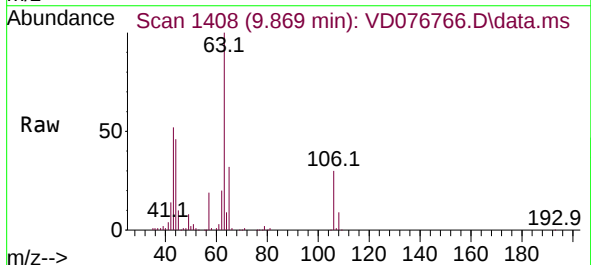
APPROVED

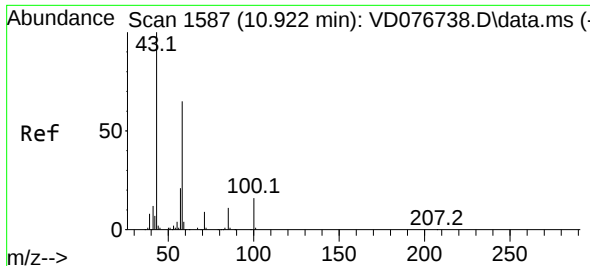
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#58
2-Chloroethyl Vinyl ether
Concen: 201.558 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

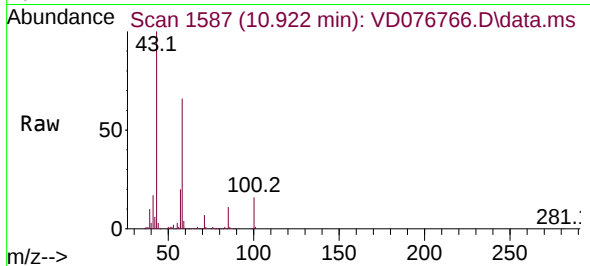
Tgt Ion: 63 Resp: 183978
Ion Ratio Lower Upper
63 100
106 30.3 25.3 37.9





#59
2-Hexanone
Concen: 235.998 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

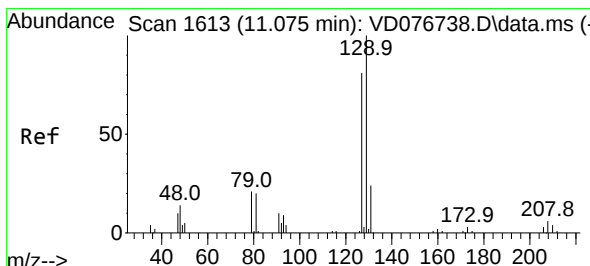
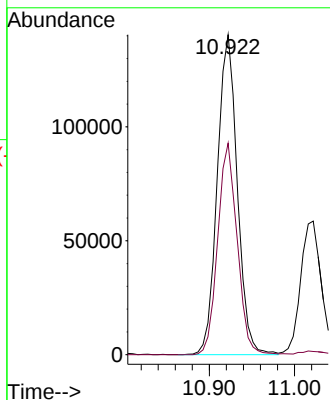
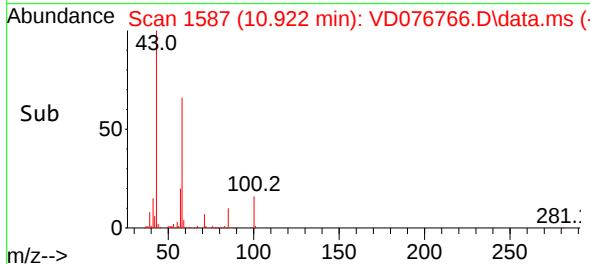
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



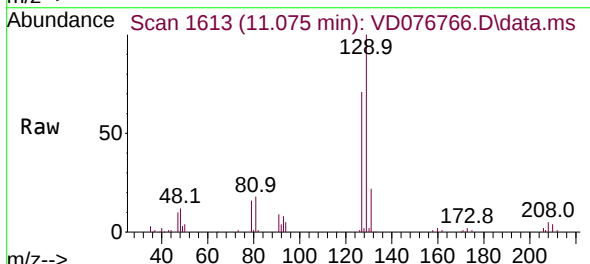
Tgt Ion: 43 Resp: 229648
Ion Ratio Lower Upper
43 100
58 64.3 34.1 102.2

Manual Integrations
APPROVED

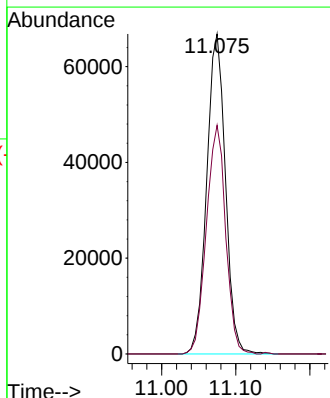
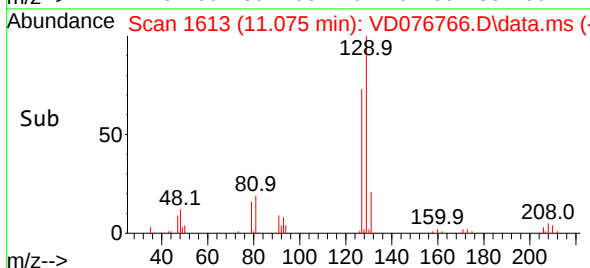
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023

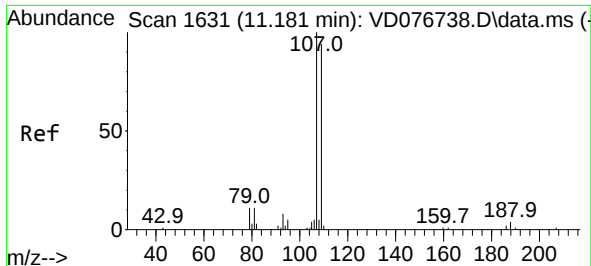


#60
Dibromochloromethane
Concen: 49.320 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13



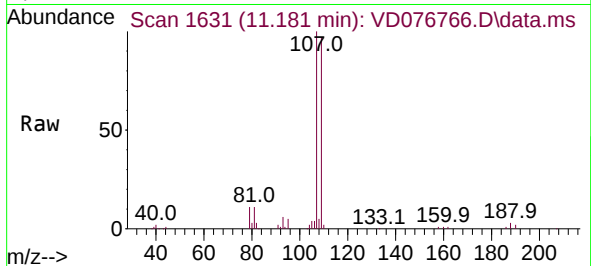
Tgt Ion:129 Resp: 117059
Ion Ratio Lower Upper
129 100
127 73.6 37.1 111.5





#61
1,2-Dibromoethane
Concen: 45.131 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

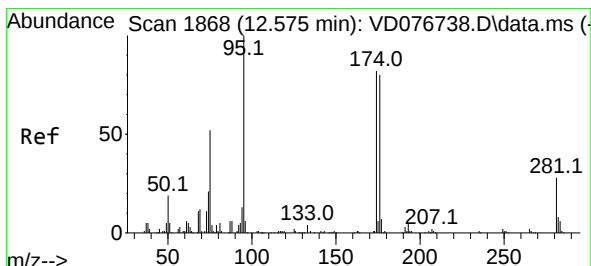
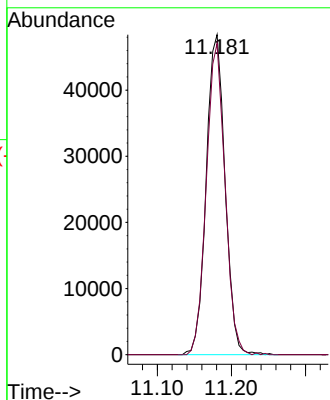
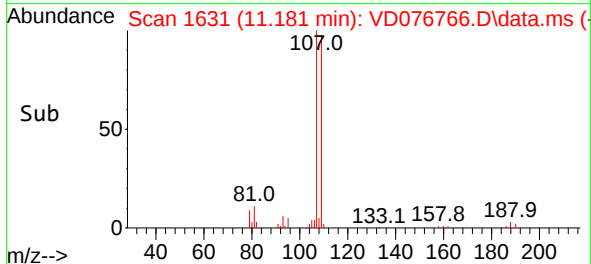
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



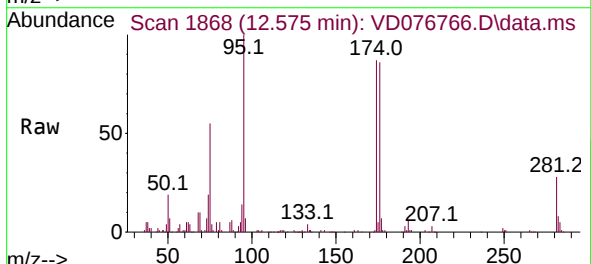
Tgt Ion:107 Resp: 8548
Ion Ratio Lower Upper
107 100
109 96.5 75.6 113.4

Manual Integrations
APPROVED

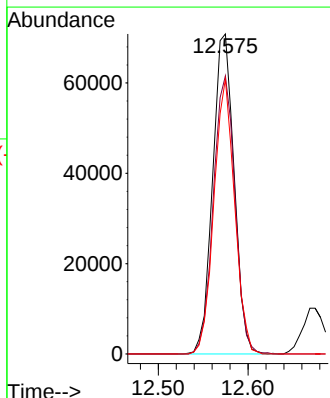
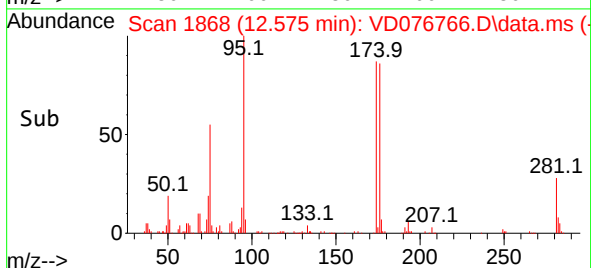
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023

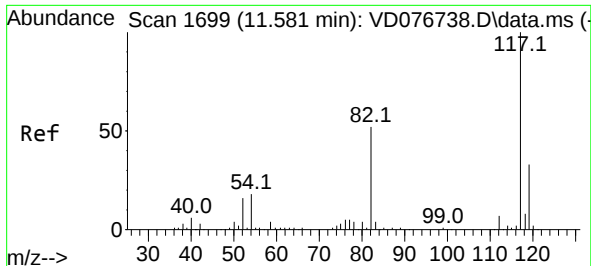


#62
4-Bromofluorobenzene
Concen: 45.270 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13



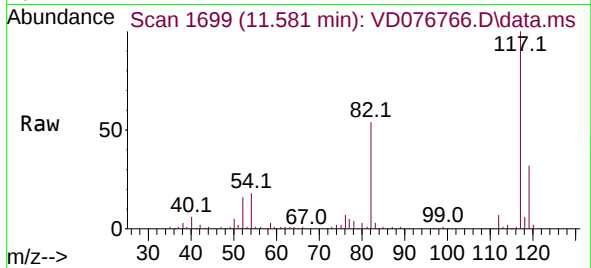
Tgt Ion: 95 Resp: 117661
Ion Ratio Lower Upper
95 100
174 87.6 0.0 201.8
176 82.6 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117730
Delta R.T. -0.000 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

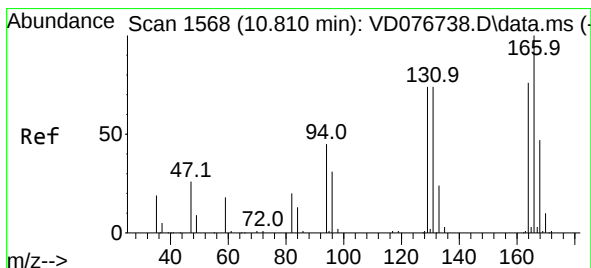
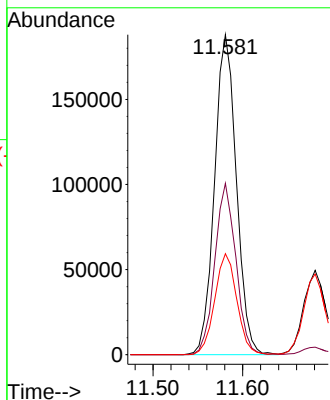
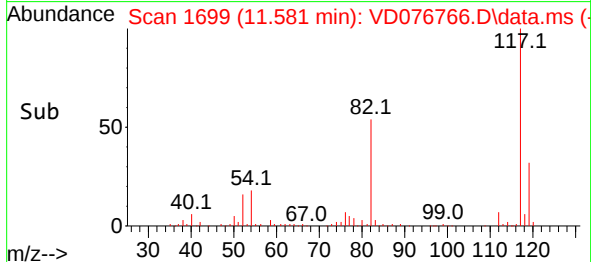
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



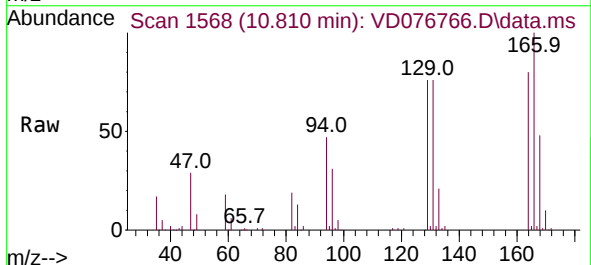
Tgt Ion:117 Resp: 317730
Ion Ratio Lower Upper
117 100
82 53.5 38.3 57.5
119 31.6 25.0 37.4

Manual Integrations
APPROVED

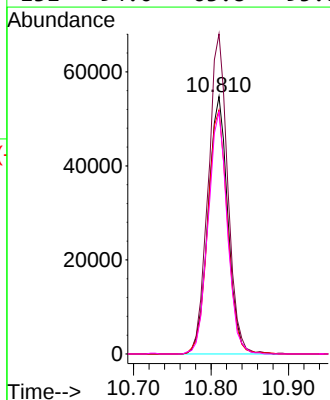
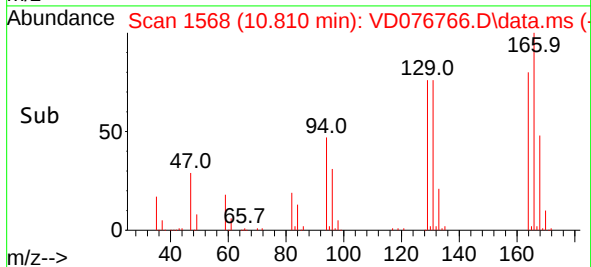
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023

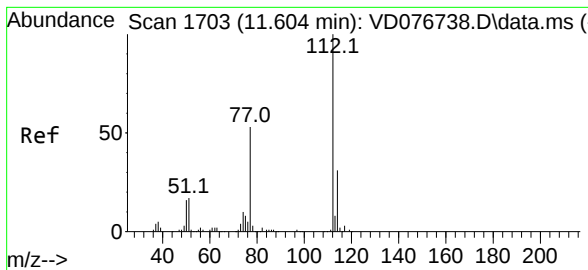


#64
Tetrachloroethene
Concen: 53.377 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13



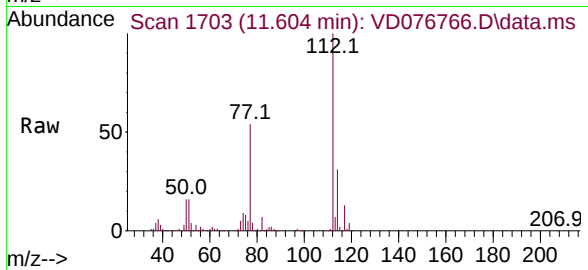
Tgt Ion:164 Resp: 96706
Ion Ratio Lower Upper
164 100
166 124.3 99.2 148.8
129 94.8 68.4 102.6
131 94.0 63.8 95.8





#65
Chlorobenzene
Concen: 49.202 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

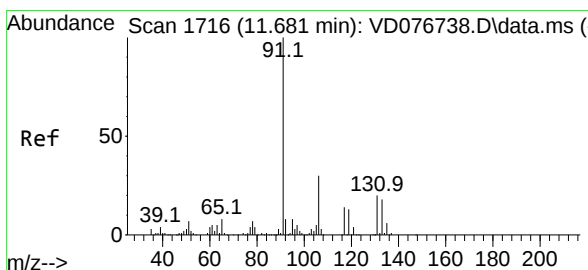
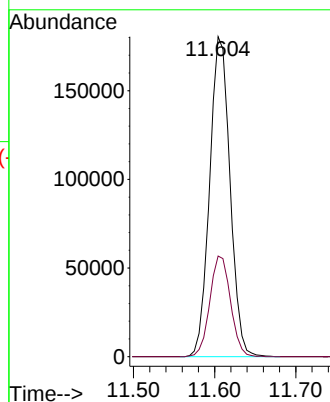
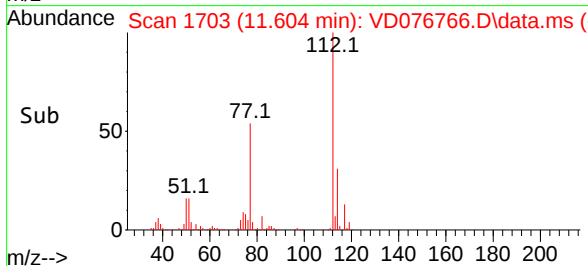
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



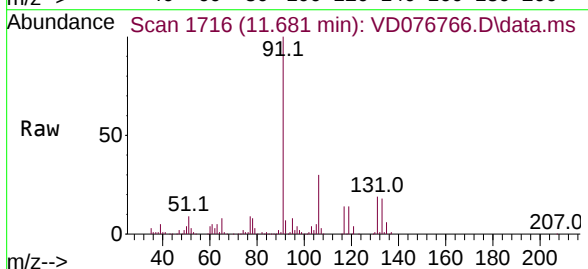
Tgt Ion:112 Resp: 314409
Ion Ratio Lower Upper
112 100
114 31.4 25.1 37.7

Manual Integrations
APPROVED

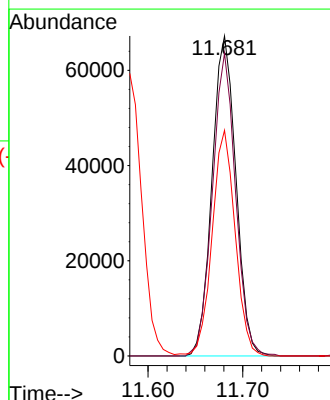
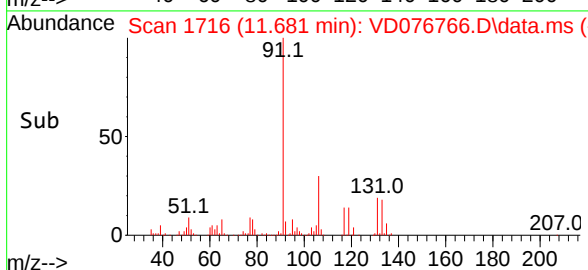
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023

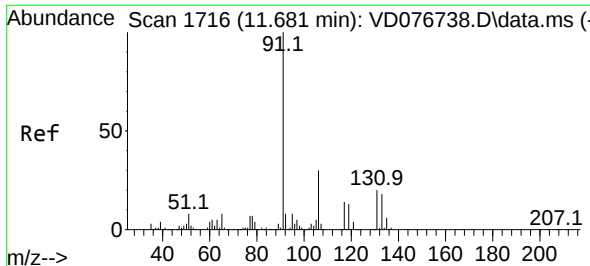


#66
1,1,1,2-Tetrachloroethane
Concen: 49.463 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13



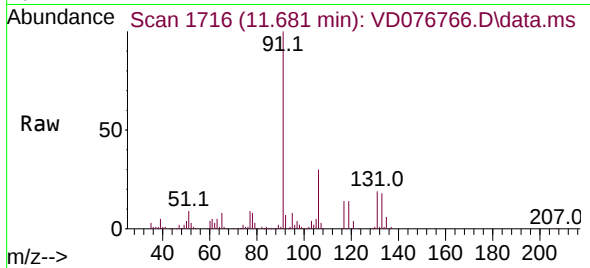
Tgt Ion:131 Resp: 117679
Ion Ratio Lower Upper
131 100
133 92.1 48.5 145.5
119 67.8 35.6 106.9





#67
Ethyl Benzene
Concen: 50.575 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

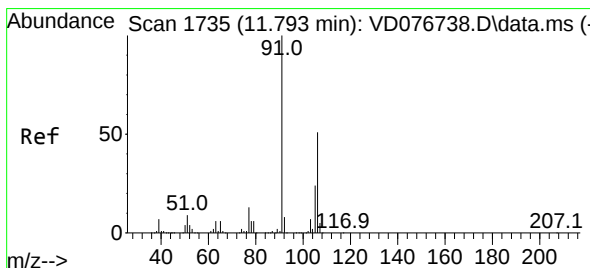
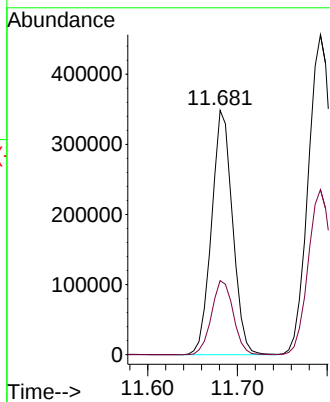
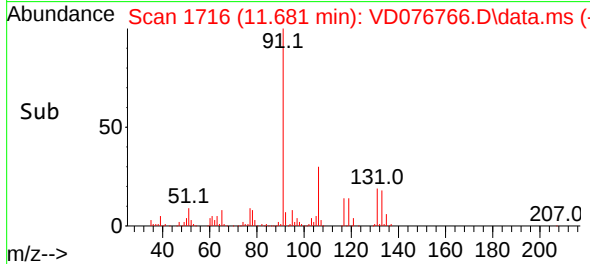
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



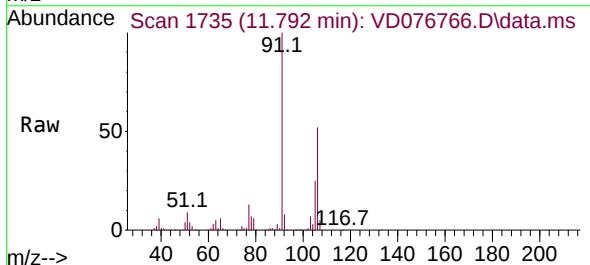
Tgt Ion: 91 Resp: 56757
Ion Ratio Lower Upper
91 100
106 30.3 26.5 39.7

Manual Integrations
APPROVED

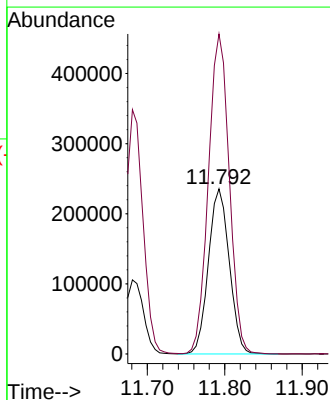
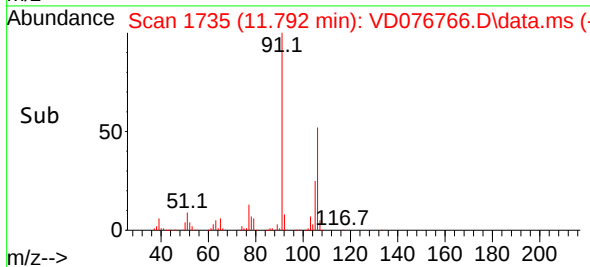
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023

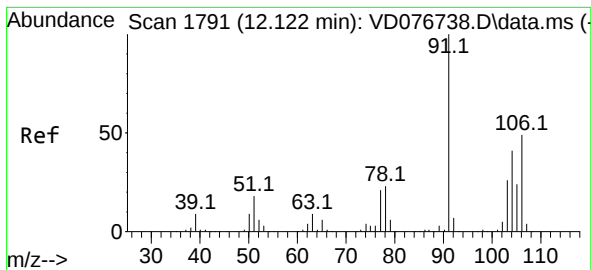


#68
m/p-Xylenes
Concen: 102.245 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.001 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13



Tgt Ion:106 Resp: 440686
Ion Ratio Lower Upper
106 100
91 193.9 147.0 220.6





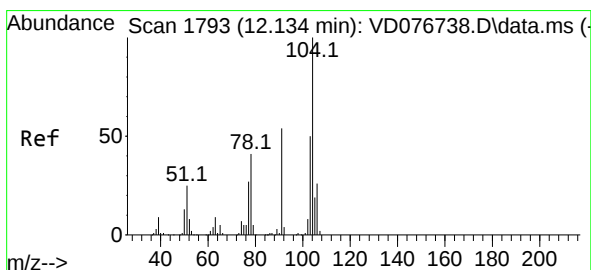
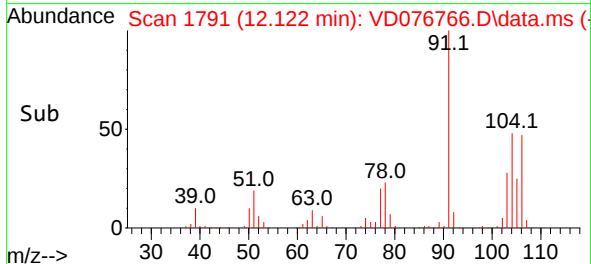
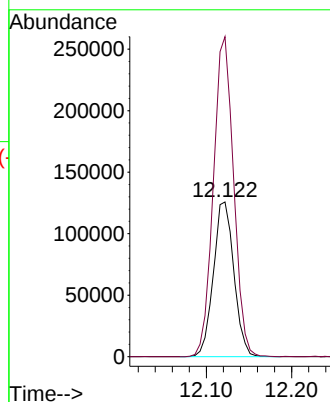
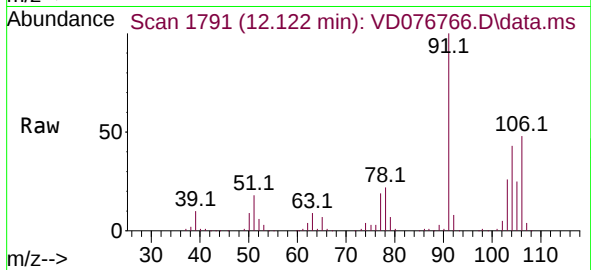
#69
o-Xylene
Concen: 50.394 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 21004
Ion Ratio Lower Upper
106 100
91 204.4 97.9 293.6

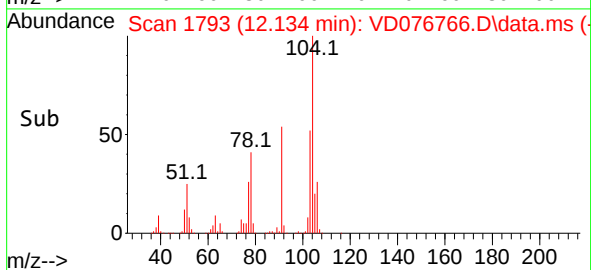
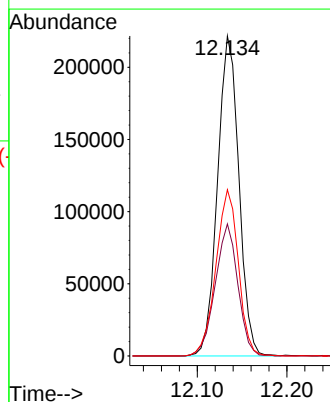
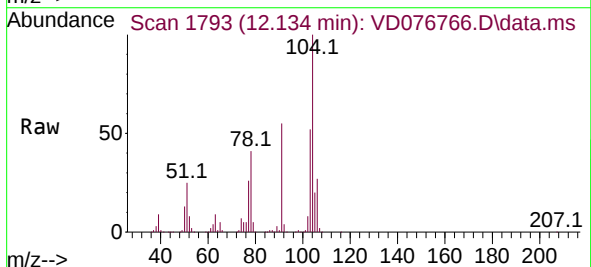
Manual Integrations
APPROVED

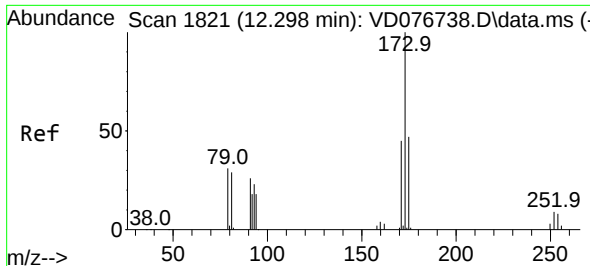
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#70
Styrene
Concen: 50.219 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

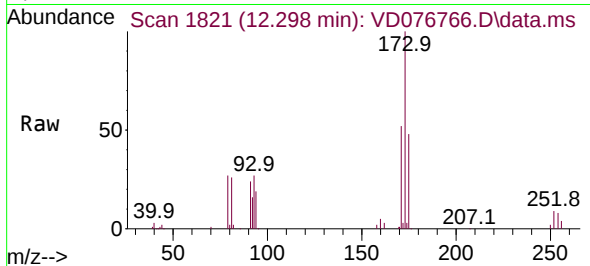
Tgt Ion:104 Resp: 366407
Ion Ratio Lower Upper
104 100
78 43.7 33.2 49.8
103 54.7 43.6 65.4





#71
Bromoform
Concen: 50.761 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

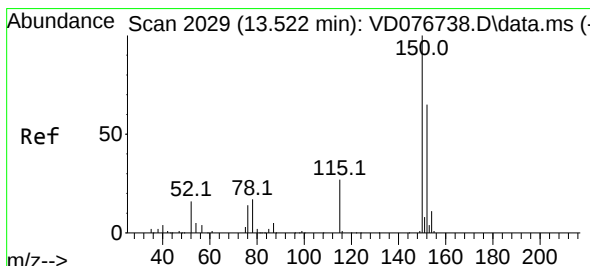
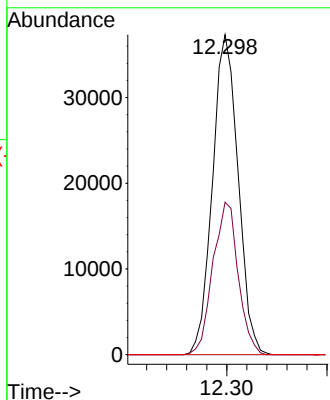
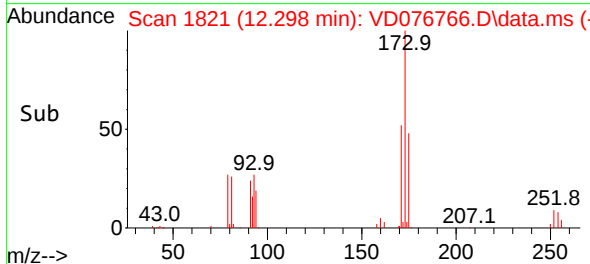
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



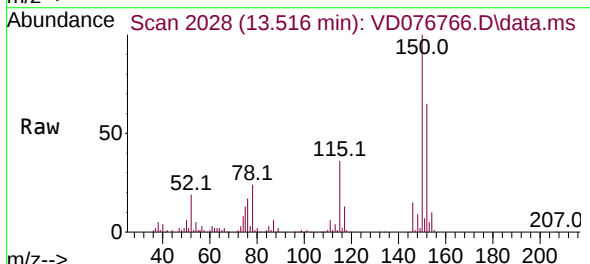
Tgt Ion:173 Resp: 6614
Ion Ratio Lower Upper
173 100
175 47.2 24.6 73.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

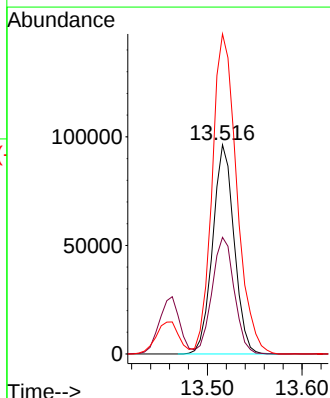
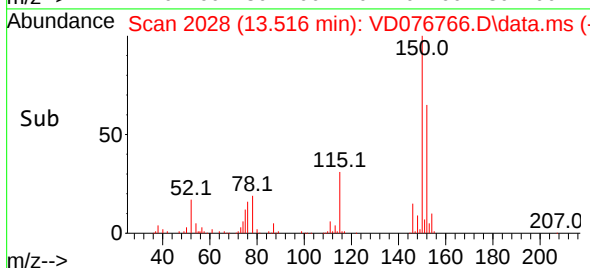
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023

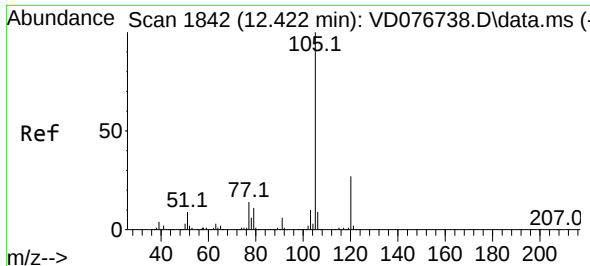


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13



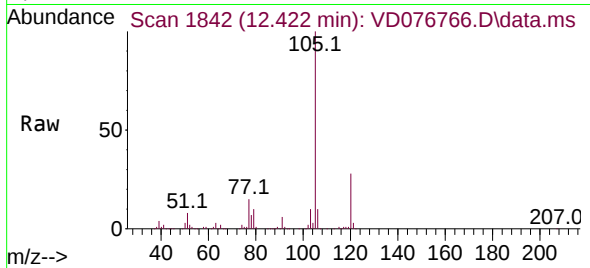
Tgt Ion:152 Resp: 151547
Ion Ratio Lower Upper
152 100
115 57.6 27.1 81.3
150 175.5 0.0 353.6





#73
Isopropylbenzene
Concen: 51.121 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

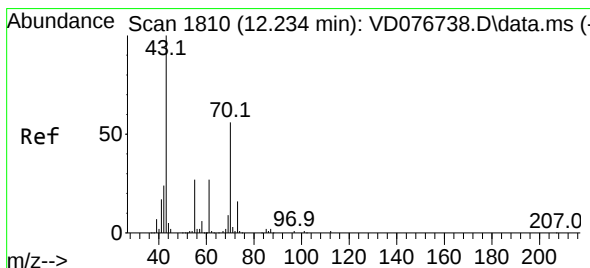
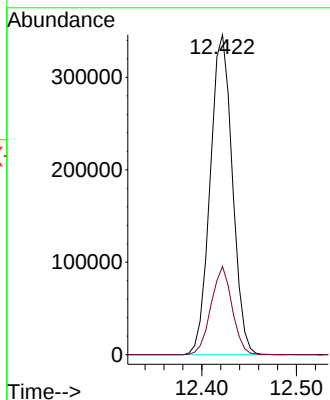
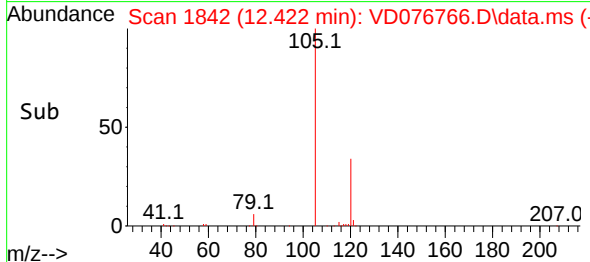
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 56207
Ion Ratio Lower Upper
105 100
120 26.2 14.3 42.9

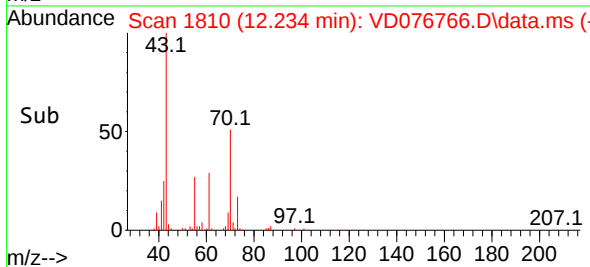
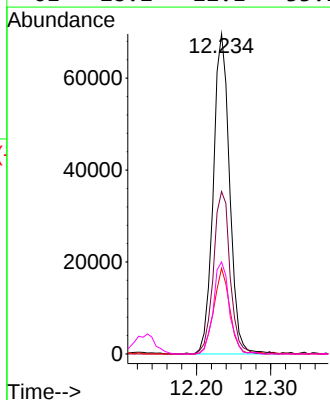
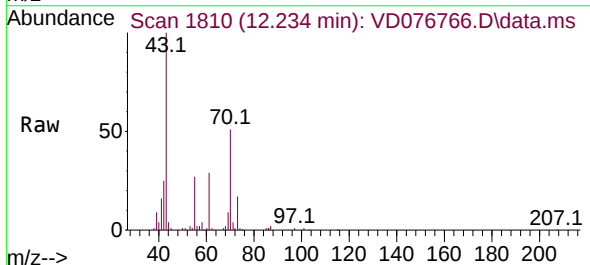
Manual Integrations
APPROVED

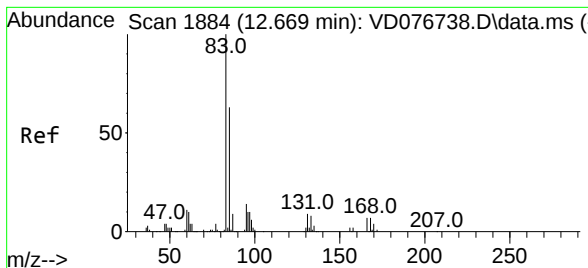
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#74
N-ethyl acetate
Concen: 46.023 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

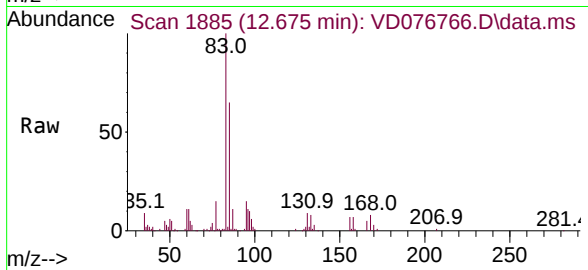
Tgt Ion: 43 Resp: 106604
Ion Ratio Lower Upper
43 100
70 51.5 45.0 67.4
55 26.3 23.8 35.6
61 28.2 22.1 33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 47.792 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

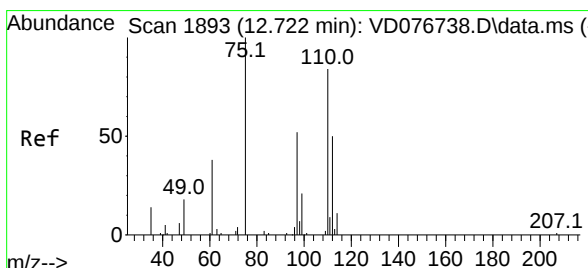
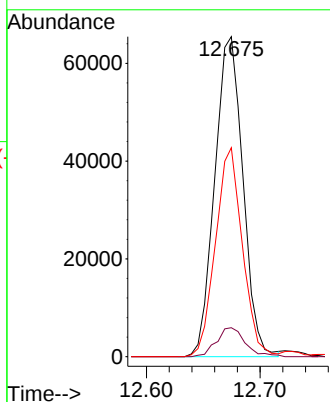
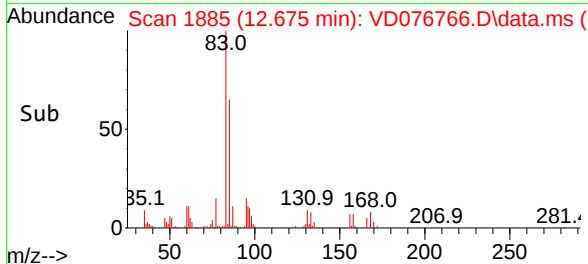
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



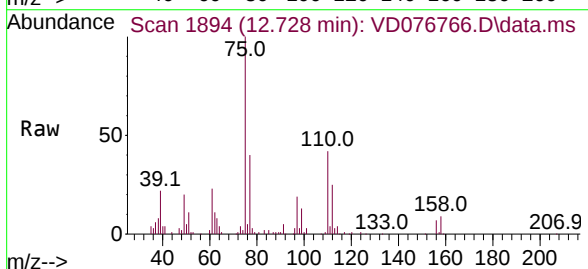
Tgt Ion: 83 Resp: 11282
Ion Ratio Lower Upper
83 100
131 9.2 5.1 15.3
85 62.4 32.6 97.8

Manual Integrations
APPROVED

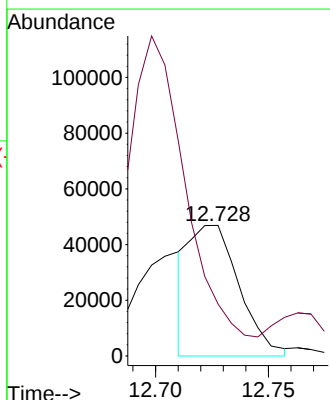
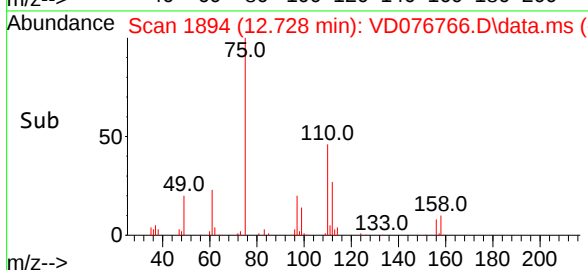
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023

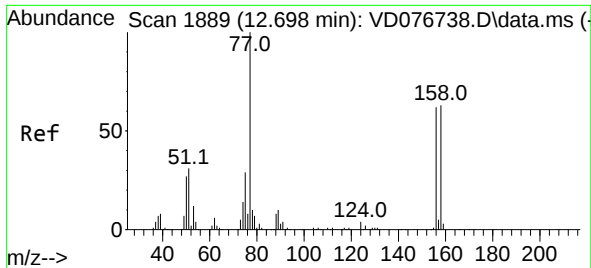


#76
1,2,3-Trichloropropane
Concen: 50.234 ug/l m
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13



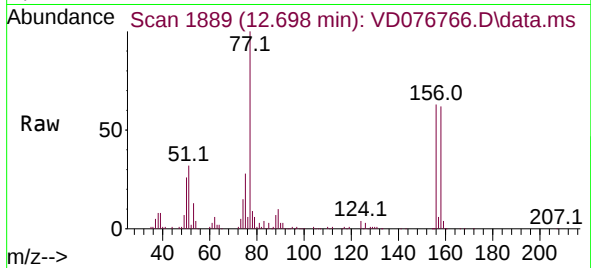
Tgt Ion: 75 Resp: 72397
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 48.757 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

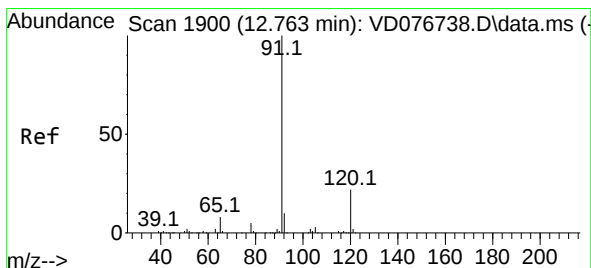
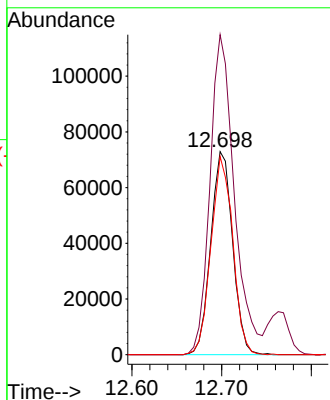
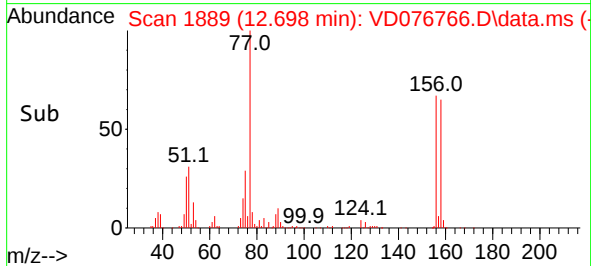
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



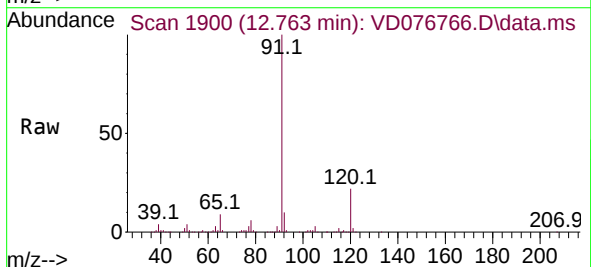
Tgt Ion:156 Resp: 123742
Ion Ratio Lower Upper
156 100
77 175.3 76.8 230.4
158 97.0 48.6 145.9

Manual Integrations
APPROVED

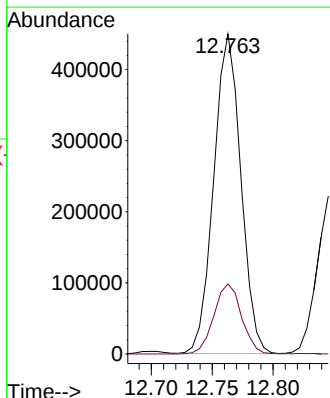
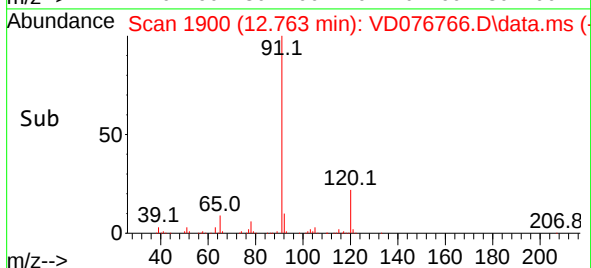
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023

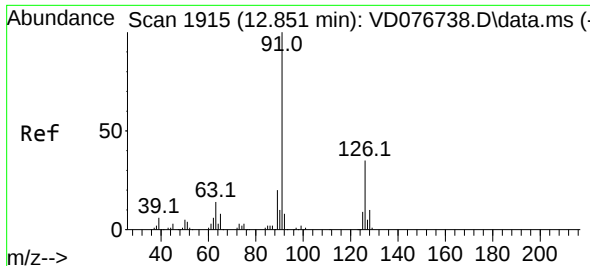


#78
n-propylbenzene
Concen: 52.138 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13



Tgt Ion: 91 Resp: 694977
Ion Ratio Lower Upper
91 100
120 22.3 12.4 37.2





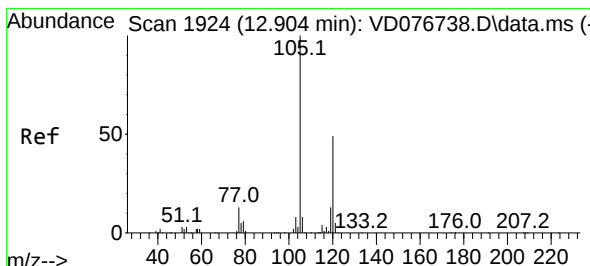
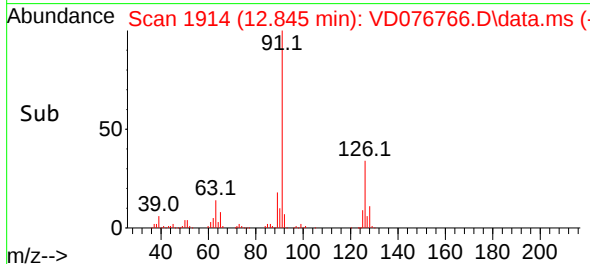
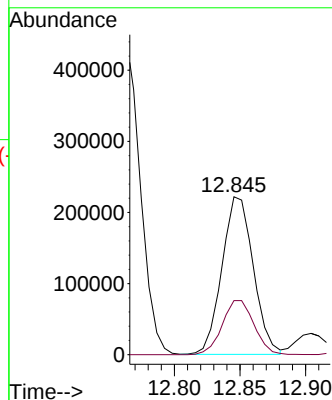
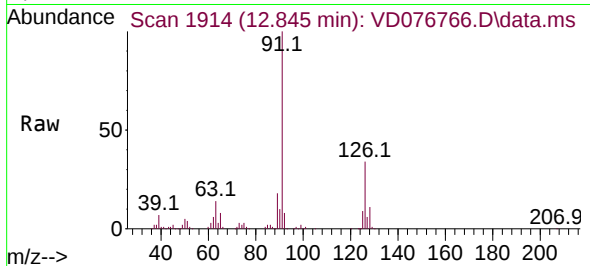
#79
2-Chlorotoluene
Concen: 50.520 ug/l
RT: 12.845 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 36923
Ion Ratio Lower Upper
91 100
126 35.0 19.4 58.1

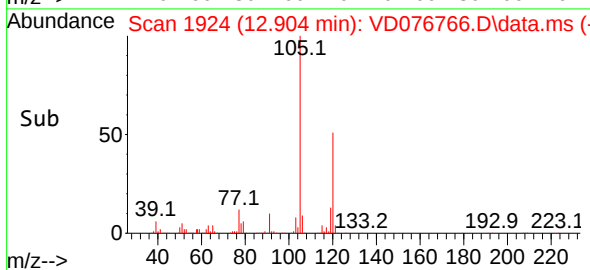
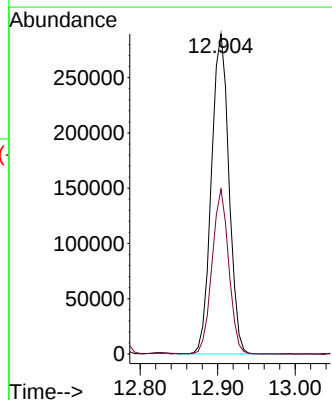
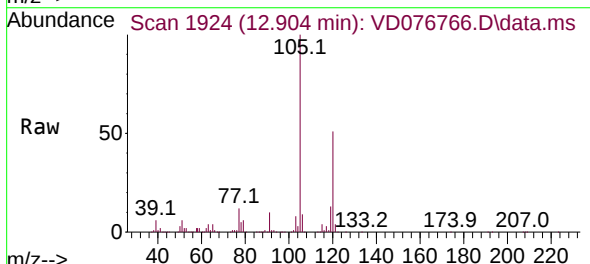
Manual Integrations
APPROVED

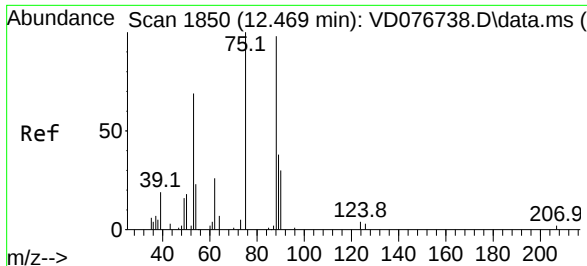
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#80
1,3,5-Trimethylbenzene
Concen: 51.312 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

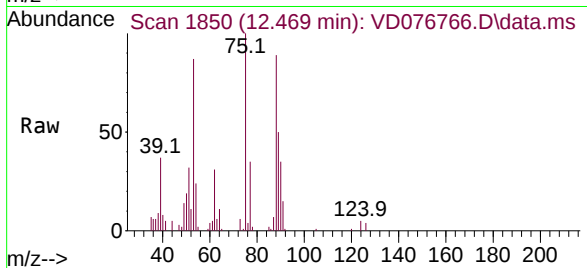
Tgt Ion:105 Resp: 456191
Ion Ratio Lower Upper
105 100
120 49.0 26.4 79.2





#81
trans-1,4-Dichloro-2-butene
Concen: 47.568 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

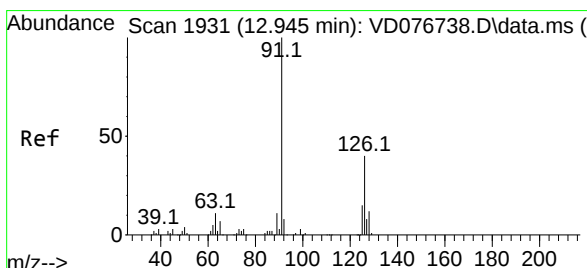
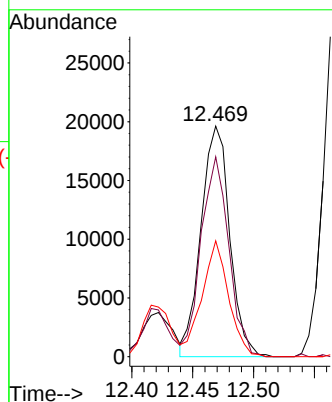
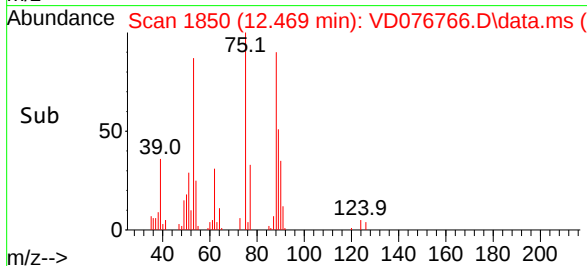
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 3221
Ion Ratio Lower Upper
75 100
53 83.7 63.0 94.4
89 46.8 37.9 56.9

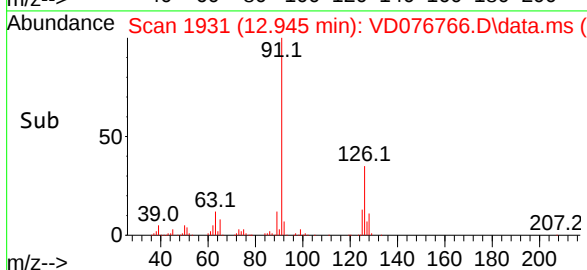
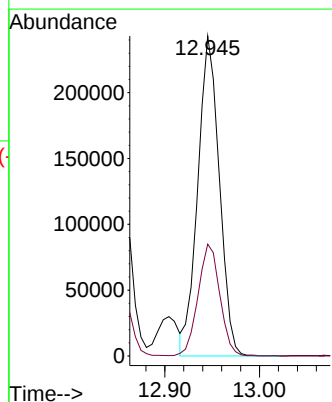
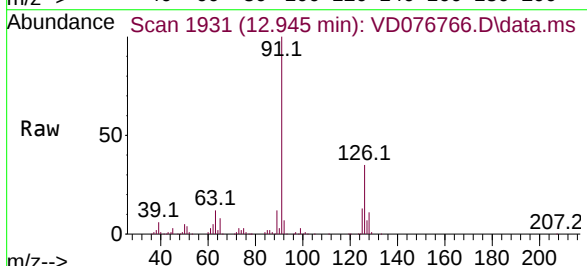
Manual Integrations
APPROVED

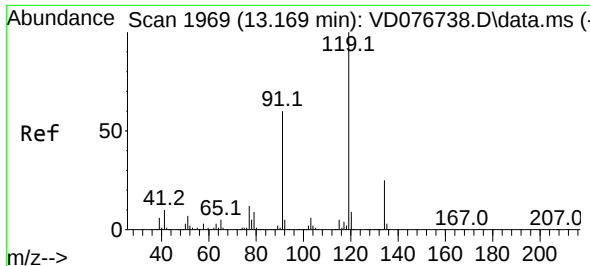
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#82
4-Chlorotoluene
Concen: 50.215 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

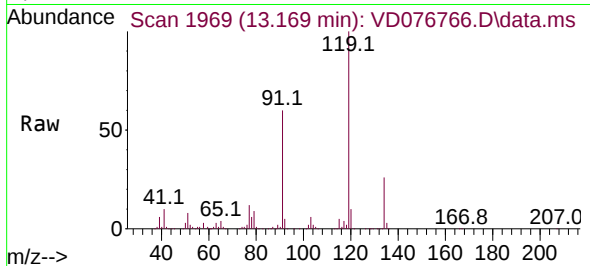
Tgt Ion: 91 Resp: 383404
Ion Ratio Lower Upper
91 100
126 35.3 19.4 58.4





#83
tert-Butylbenzene
Concen: 52.785 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

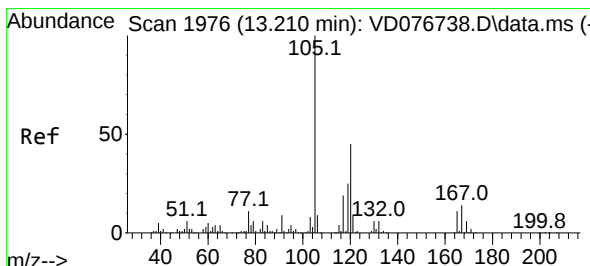
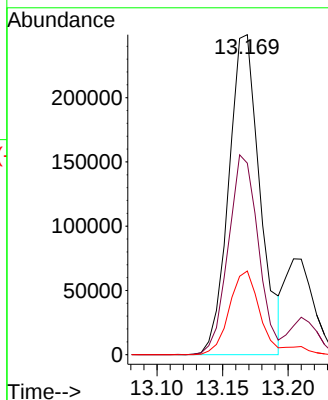
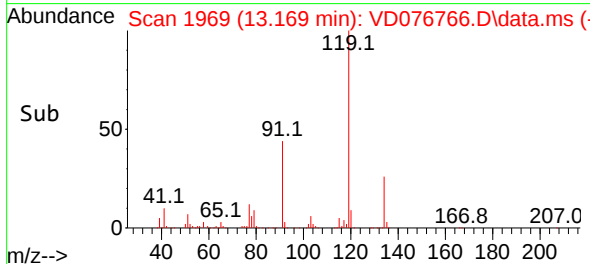
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



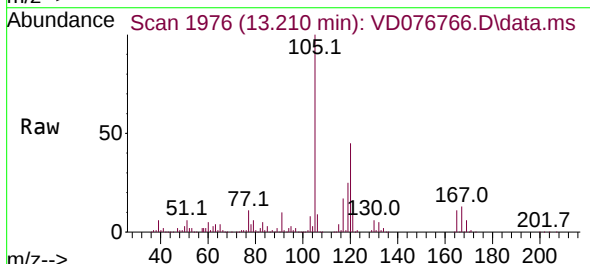
Tgt Ion:119 Resp: 413200
Ion Ratio Lower Upper
119 100
91 60.2 29.3 87.8
134 26.9 14.1 42.3

Manual Integrations
APPROVED

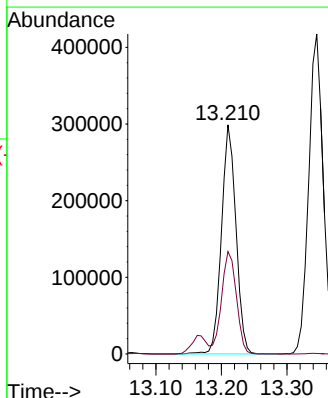
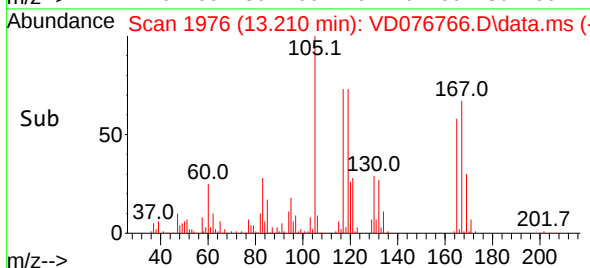
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023

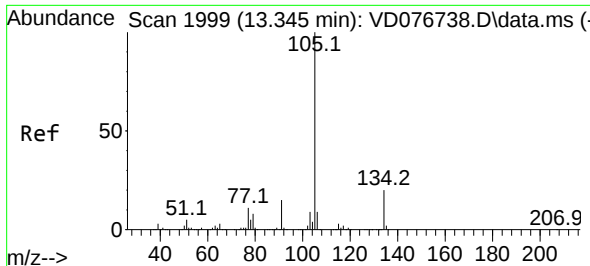


#84
1,2,4-Trimethylbenzene
Concen: 50.163 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13



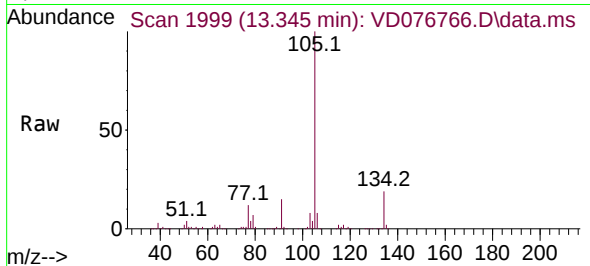
Tgt Ion:105 Resp: 455738
Ion Ratio Lower Upper
105 100
120 46.1 24.3 72.9





#85
 sec-Butylbenzene
 Concen: 53.593 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD076766.D
 Acq: 18 Jul 2023 09:13

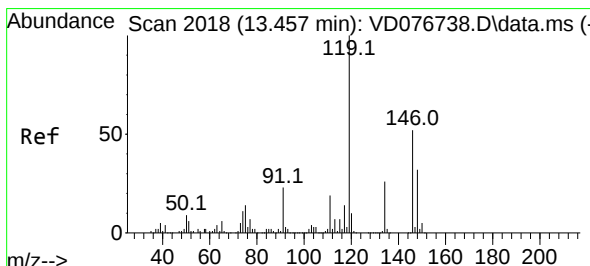
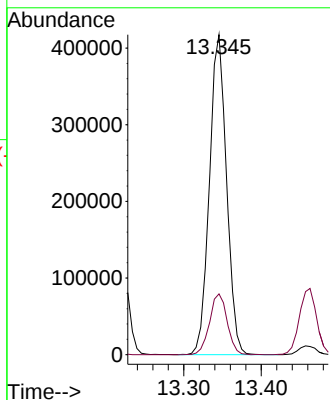
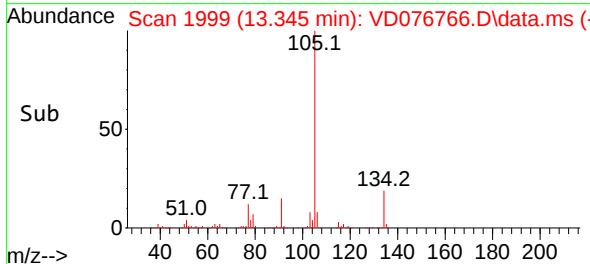
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



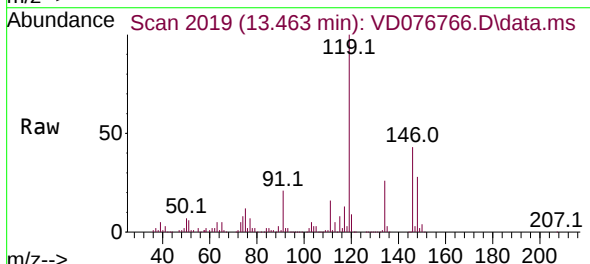
Tgt Ion:105 Resp: 64096
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.9 32.9

Manual Integrations
 APPROVED

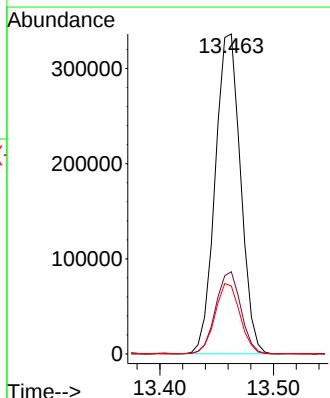
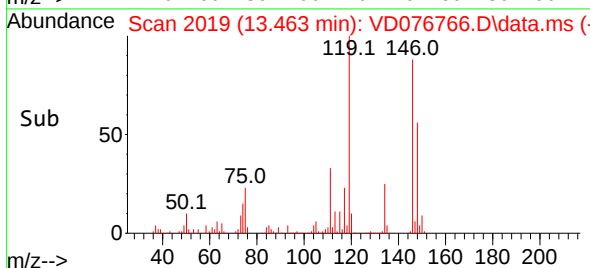
Reviewed By :John Carlone 07/19/2023
 Supervised By :Mahesh Dadoda 07/19/2023

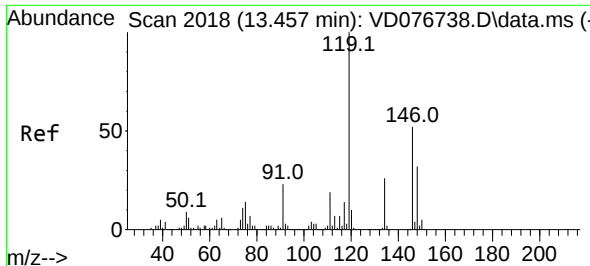


#86
 p-Isopropyltoluene
 Concen: 52.771 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.006 min
 Lab File: VD076766.D
 Acq: 18 Jul 2023 09:13



Tgt Ion:119 Resp: 521228
 Ion Ratio Lower Upper
 119 100
 134 25.6 14.2 42.6
 91 21.6 10.5 31.5





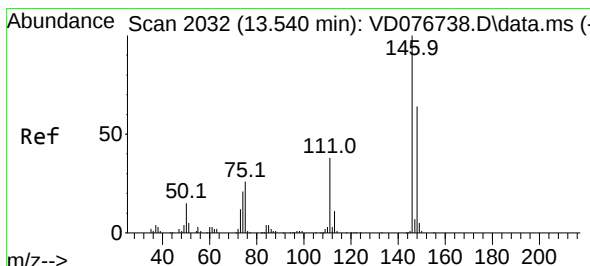
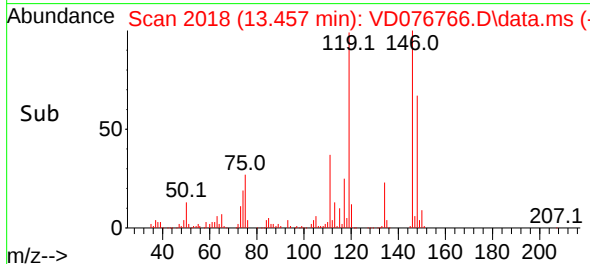
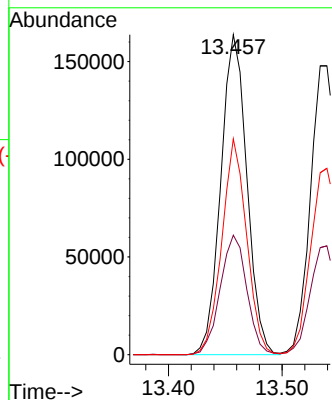
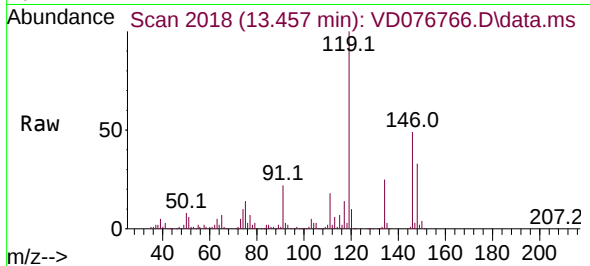
#87
1,3-Dichlorobenzene
Concen: 50.098 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 26151
Ion Ratio Lower Upper
146 100
111 38.2 17.9 53.8
148 64.2 32.3 96.8

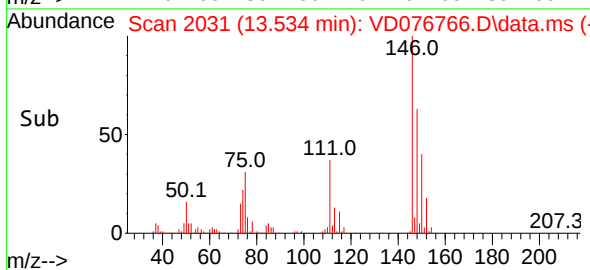
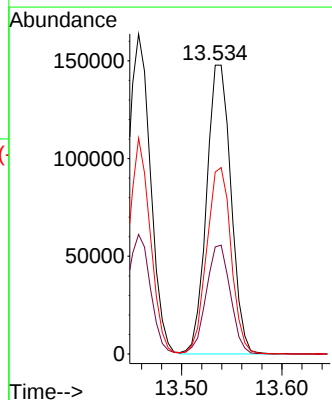
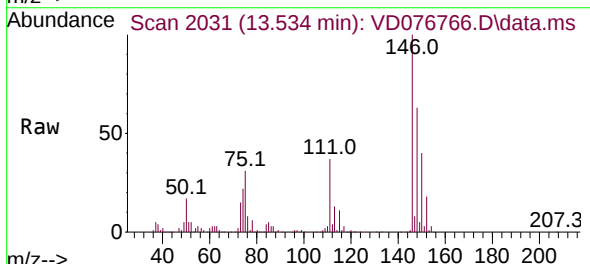
Manual Integrations
APPROVED

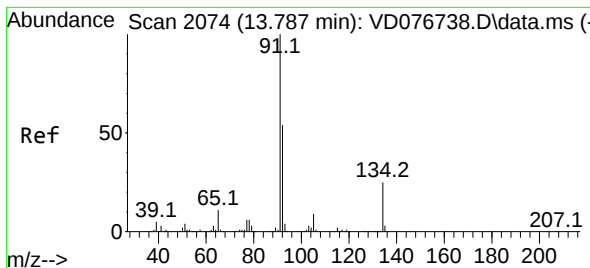
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#88
1,4-Dichlorobenzene
Concen: 49.056 ug/l
RT: 13.534 min Scan# 2031
Delta R.T. -0.006 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

Tgt Ion:146 Resp: 250890
Ion Ratio Lower Upper
146 100
111 37.3 17.4 52.3
148 64.6 31.7 95.1





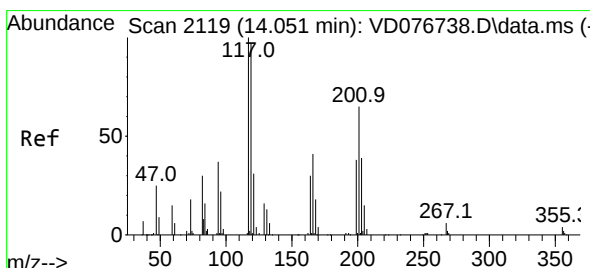
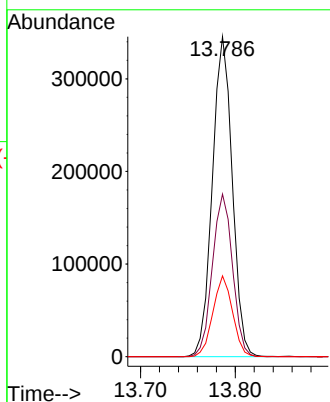
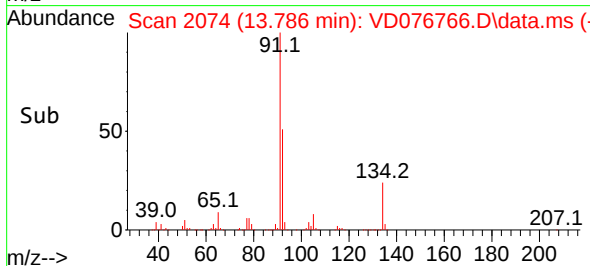
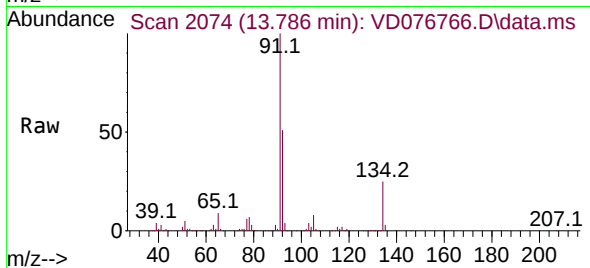
#89
n-Butylbenzene
Concen: 52.204 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. -0.001 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 504562
Ion Ratio Lower Upper
91 100
92 51.3 26.5 79.5
134 24.8 13.8 41.3

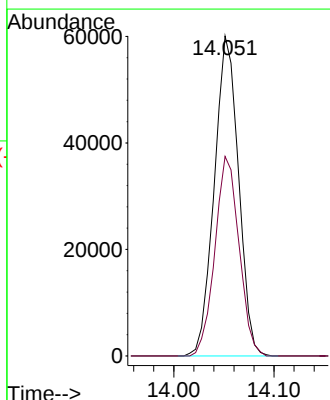
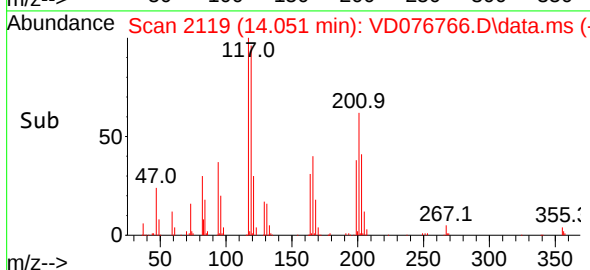
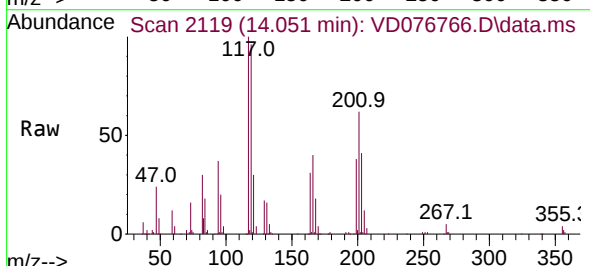
Manual Integrations
APPROVED

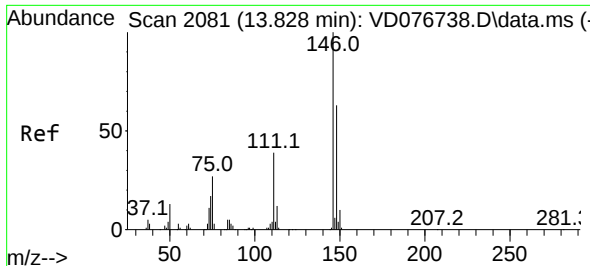
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#90
Hexachloroethane
Concen: 55.191 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

Tgt Ion:117 Resp: 100782
Ion Ratio Lower Upper
117 100
201 62.1 38.5 115.5





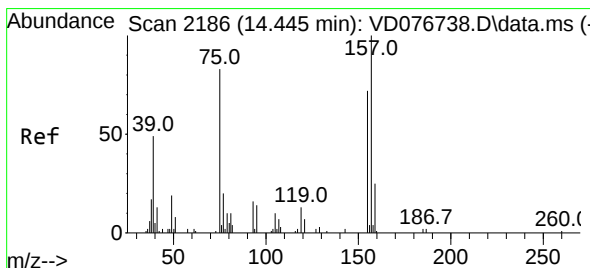
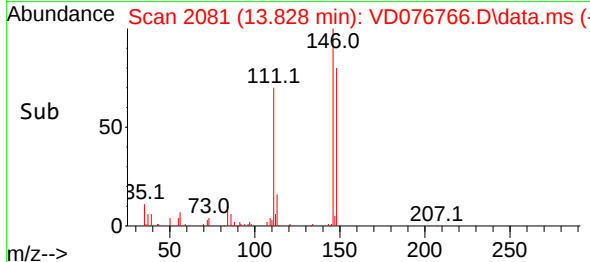
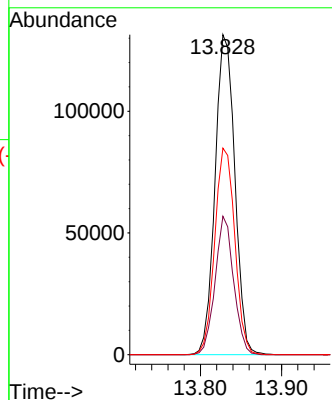
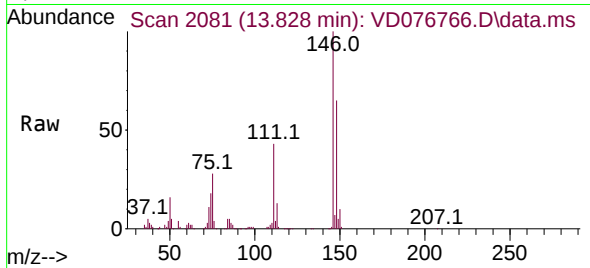
#91
1,2-Dichlorobenzene
Concen: 48.427 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 22275
Ion Ratio Lower Upper
146 100
111 40.6 18.3 54.8
148 65.4 31.6 94.7

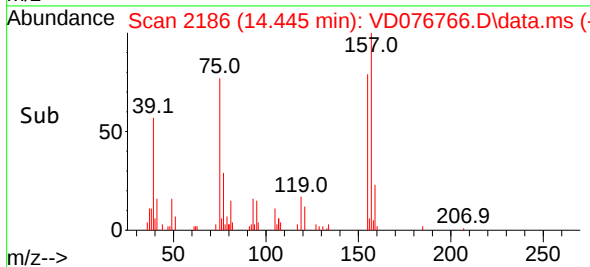
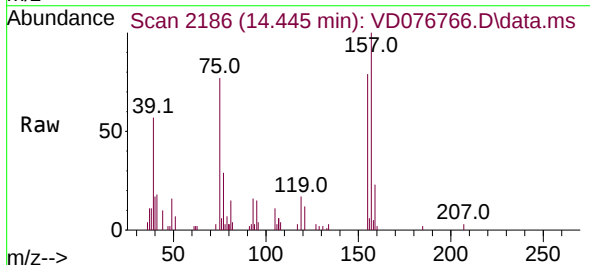
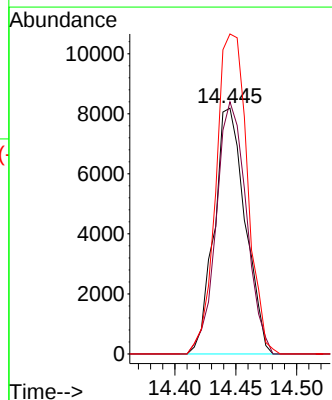
Manual Integrations
APPROVED

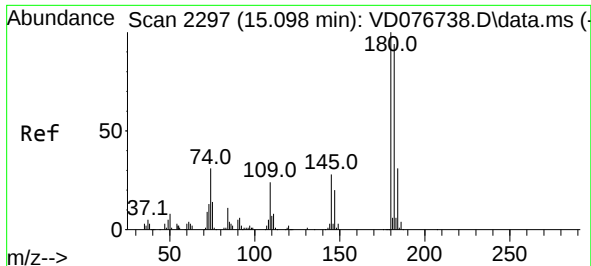
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 43.206 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

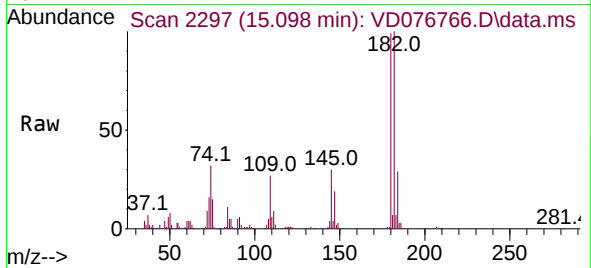
Tgt Ion: 75 Resp: 14543
Ion Ratio Lower Upper
75 100
155 99.2 47.9 143.8
157 131.6 59.9 179.7





#93
1,2,4-Trichlorobenzene
Concen: 48.270 ug/l
RT: 15.098 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

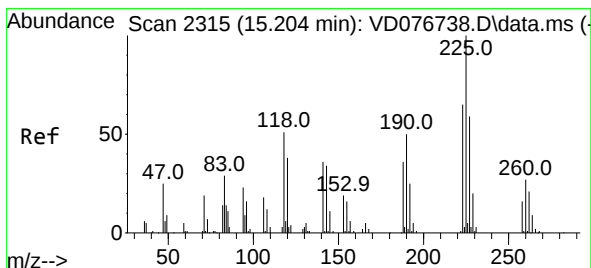
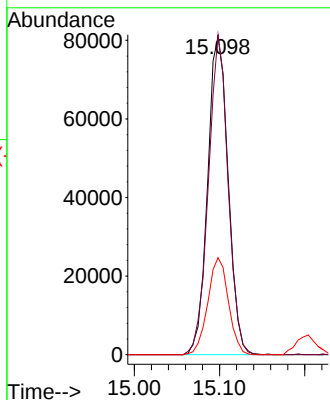
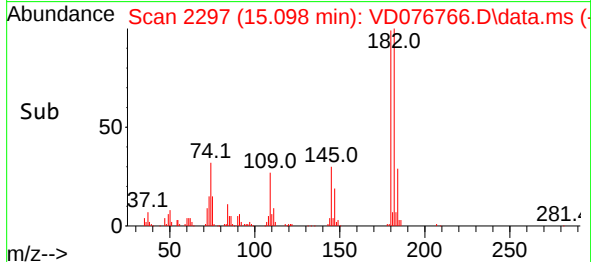
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



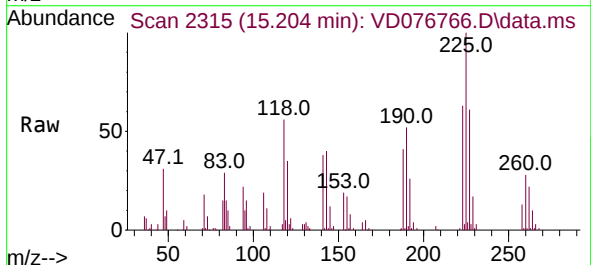
Tgt Ion:180 Resp: 13555
Ion Ratio Lower Upper
180 100
182 96.6 48.5 145.6
145 30.7 14.2 42.6

Manual Integrations
APPROVED

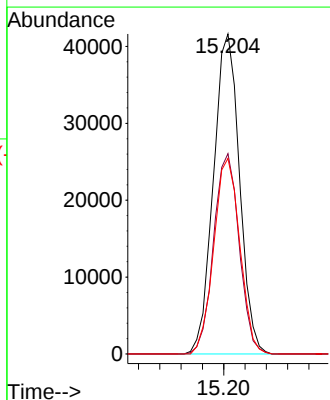
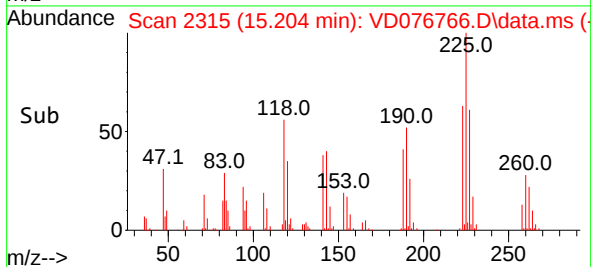
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023

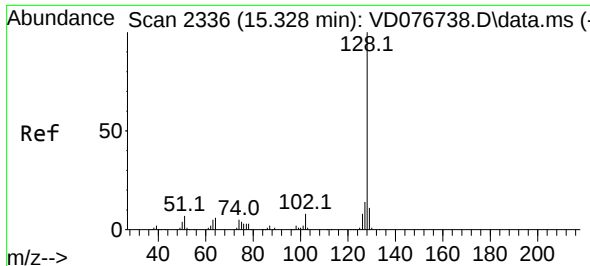


#94
Hexachlorobutadiene
Concen: 52.229 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13



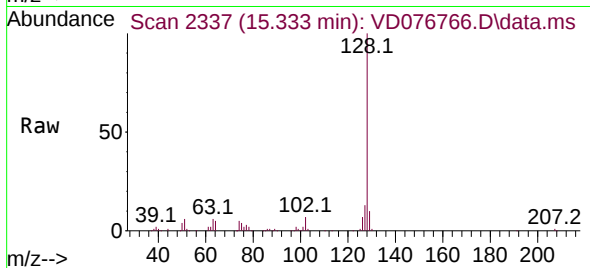
Tgt Ion:225 Resp: 70538
Ion Ratio Lower Upper
225 100
223 61.4 31.6 94.8
227 61.1 31.7 95.1





#95
Naphthalene
Concen: 46.665 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. 0.005 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13

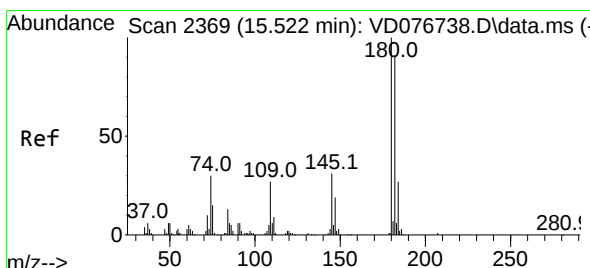
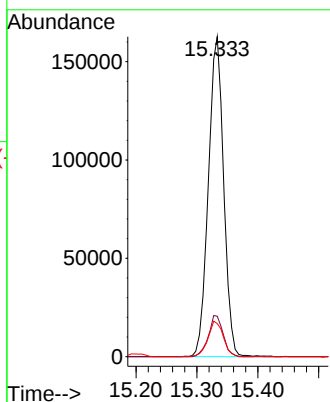
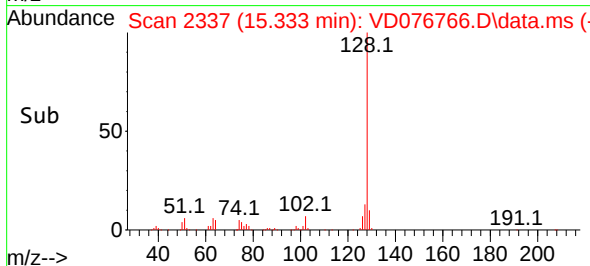
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



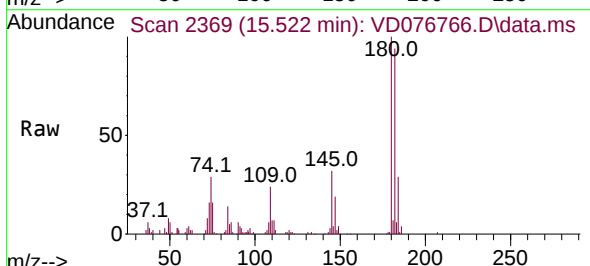
Tgt Ion:128 Resp: 28374
Ion Ratio Lower Upper
128 100
127 12.6 10.5 15.7
129 10.4 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#96
1,2,3-Trichlorobenzene
Concen: 48.102 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD076766.D
Acq: 18 Jul 2023 09:13



Tgt Ion:180 Resp: 121217
Ion Ratio Lower Upper
180 100
182 93.7 47.3 141.9
145 32.2 15.1 45.3

