

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072823\
 Data File : VD076846.D
 Acq On : 28 Jul 2023 10:36
 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 07/31/2023
 Supervised By : Mahesh Dadoda 07/31/2023

Quant Time: Jul 28 22:59:35 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	7.869	168	179314	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	323062	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	293164	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	140545	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	85327	47.775	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.540%		
35) Dibromofluoromethane	7.799	113	101892	50.189	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.380%		
50) Toluene-d8	10.269	98	335588	46.208	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	92.420%		
62) 4-Bromofluorobenzene	12.569	95	113183	48.174	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	96.340%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	68560	48.894	ug/l	98
3) Chloromethane	2.146	50	115910	47.919	ug/l	97
4) Vinyl Chloride	2.276	62	165339	51.277	ug/l	98
5) Bromomethane	2.681	94	130679	49.258	ug/l	99
6) Chloroethane	2.828	64	127791	52.492	ug/l	96
7) Trichlorofluoromethane	3.164	101	156129	54.417	ug/l	99
8) Diethyl Ether	3.587	74	51993	52.634	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.952	101	104217	55.259	ug/l	97
10) Methyl Iodide	4.152	142	113273	53.280	ug/l	92
11) Tert butyl alcohol	5.064	59	34725	260.551	ug/l	98
12) 1,1-Dichloroethene	3.928	96	93324	52.669	ug/l	92
13) Acrolein	3.793	56	24301	267.566	ug/l	97
14) Allyl chloride	4.552	41	125741	54.020	ug/l	91
15) Acrylonitrile	5.252	53	128687	265.241	ug/l	99
16) Acetone	4.017	43	113231	265.464	ug/l	92
17) Carbon Disulfide	4.258	76	198273	47.910	ug/l	97
18) Methyl Acetate	4.558	43	88580	55.274	ug/l	91
19) Methyl tert-butyl Ether	5.311	73	263676	55.491	ug/l	98
20) Methylene Chloride	4.793	84	143557	58.213	ug/l	92
21) trans-1,2-Dichloroethene	5.299	96	110576	53.687	ug/l	94
22) Diisopropyl ether	6.205	45	312771	56.745	ug/l	97
23) Vinyl Acetate	6.146	43	745055	273.194	ug/l	95
24) 1,1-Dichloroethane	6.105	63	212149	57.086	ug/l	97
25) 2-Butanone	7.081	43	155714	272.771	ug/l #	86
26) 2,2-Dichloropropane	7.069	77	185100	57.780	ug/l	95
27) cis-1,2-Dichloroethene	7.075	96	141570	55.757	ug/l	95
28) Bromochloromethane	7.422	49	44603	48.006	ug/l	89
29) Tetrahydrofuran	7.440	42	91797	272.164	ug/l	92
30) Chloroform	7.593	83	236942	58.211	ug/l	95
31) Cyclohexane	7.869	56	131115	49.883	ug/l	96
32) 1,1,1-Trichloroethane	7.787	97	194813	59.321	ug/l	96
36) 1,1-Dichloropropene	8.005	75	148811	56.095	ug/l	97
37) Ethyl Acetate	7.163	43	66010	55.640	ug/l	95
38) Carbon Tetrachloride	7.981	117	154351	60.765	ug/l	92
39) Methylcyclohexane	9.269	83	165332	53.975	ug/l	95
40) Benzene	8.246	78	466913	55.782	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	39504	54.528	ug/l #	88
42) 1,2-Dichloroethane	8.322	62	123240	56.665	ug/l	99
43) Isopropyl Acetate	8.358	43	128632	55.556	ug/l	93
44) Trichloroethene	9.022	130	124572	54.614	ug/l	87
45) 1,2-Dichloropropane	9.299	63	126408	58.504	ug/l	100
46) Dibromomethane	9.393	93	71941	56.882	ug/l	91
47) Bromodichloromethane	9.581	83	182961	57.647	ug/l	97
48) Methyl methacrylate	9.381	41	55859	53.008	ug/l	85
49) 1,4-Dioxane	9.387	88	16219	1000.926	ug/l	93
51) 4-Methyl-2-Pentanone	10.157	43	346041	280.704	ug/l	93
52) Toluene	10.334	92	304266	55.346	ug/l	98
53) t-1,3-Dichloropropene	10.552	75	170362	57.830	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	195717	56.372	ug/l #	92
55) 1,1,2-Trichloroethane	10.734	97	105772	57.272	ug/l	96
56) Ethyl methacrylate	10.599	69	122638	57.533	ug/l #	92
57) 1,3-Dichloropropane	10.881	76	170503	56.690	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	192351	233.123	ug/l	96
59) 2-Hexanone	10.922	43	242057	275.182	ug/l	94
60) Dibromochloromethane	11.075	129	125690	58.584	ug/l	96
61) 1,2-Dibromoethane	11.181	107	96197	56.182	ug/l	98
64) Tetrachloroethene	10.804	164	97225	58.160	ug/l	94
65) Chlorobenzene	11.604	112	337886	57.306	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	131629	59.963	ug/l	96
67) Ethyl Benzene	11.681	91	597999	57.751	ug/l	100
68) m/p-Xylenes	11.793	106	469050	117.945	ug/l	93
69) o-Xylene	12.122	106	222244	57.790	ug/l	90
70) Styrene	12.134	104	398692	59.223	ug/l	98
71) Bromoform	12.299	173	72448	60.260	ug/l #	99
73) Isopropylbenzene	12.422	105	590896	57.949	ug/l	96
74) N-amyl acetate	12.234	43	119887	55.809	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.669	83	121455	55.476	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	74073m	55.420	ug/l	
77) Bromobenzene	12.698	156	134509	57.149	ug/l	88
78) n-propylbenzene	12.763	91	723253	58.507	ug/l	96
79) 2-Chlorotoluene	12.851	91	389761	57.503	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	477574	57.922	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	37348	59.470	ug/l	96
82) 4-Chlorotoluene	12.946	91	403996	57.054	ug/l	95
83) tert-Butylbenzene	13.163	119	436561	60.135	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	484780	57.536	ug/l	97
85) sec-Butylbenzene	13.345	105	655323	59.083	ug/l	95
86) p-Isopropyltoluene	13.457	119	540239	58.977	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	277815	57.387	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	277887	58.588	ug/l	98
89) n-Butylbenzene	13.787	91	520055	58.019	ug/l	98
90) Hexachloroethane	14.051	117	107438	63.441	ug/l	86
91) 1,2-Dichlorobenzene	13.828	146	245417	57.531	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	16696	53.485	ug/l	97
93) 1,2,4-Trichlorobenzene	15.098	180	152604	58.597	ug/l	97
94) Hexachlorobutadiene	15.204	225	71185	56.834	ug/l	99
95) Naphthalene	15.328	128	326186	57.845	ug/l	97
96) 1,2,3-Trichlorobenzene	15.516	180	133630	57.179	ug/l	97

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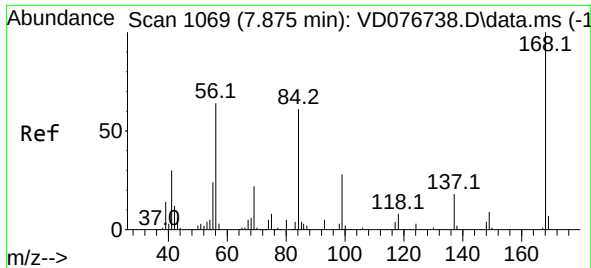
Manual Integrations
APPROVED

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Response via : Initial Calibration

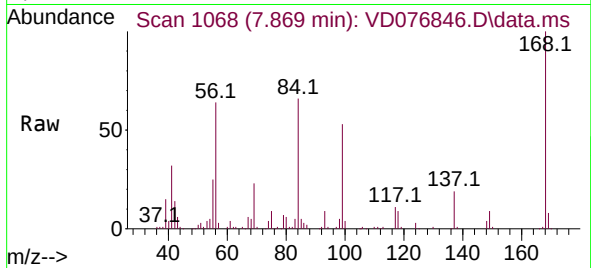
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD076846.D
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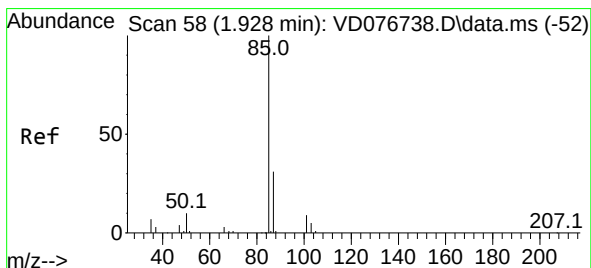
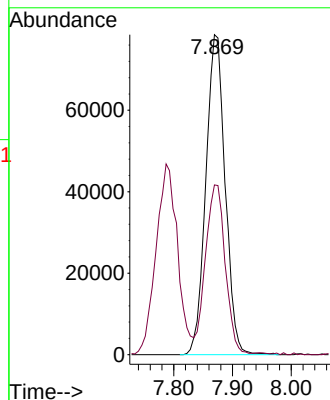
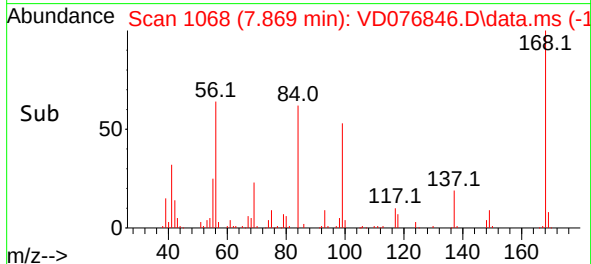
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 179314
Ion Ratio Lower Upper
168 100
99 53.0 36.7 55.1

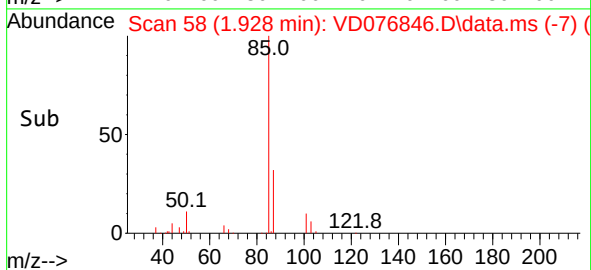
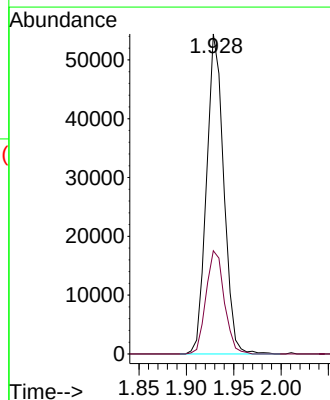
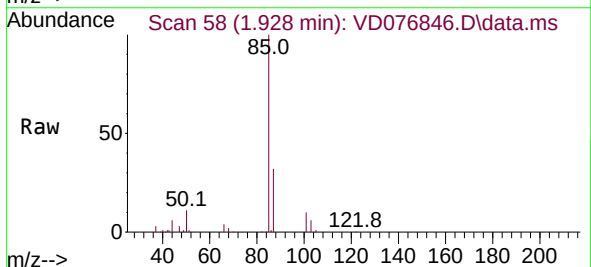
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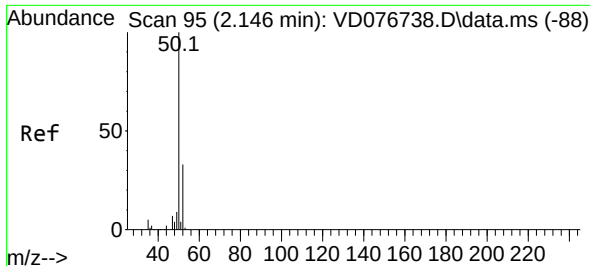
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#2
Dichlorodifluoromethane
Concen: 48.894 ug/l
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD076846.D
Acq: 28 Jul 2023 10:36

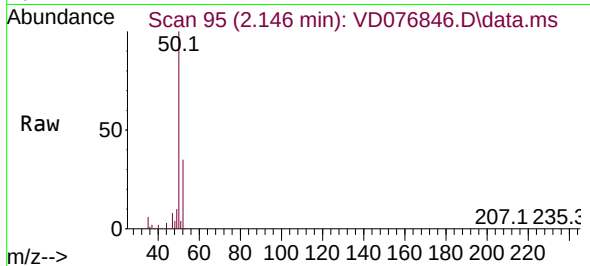
Tgt Ion: 85 Resp: 68560
Ion Ratio Lower Upper
85 100
87 32.3 15.7 47.0





#3
Chloromethane
Concen: 47.919 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD076846.D
Acq: 28 Jul 2023 10:36

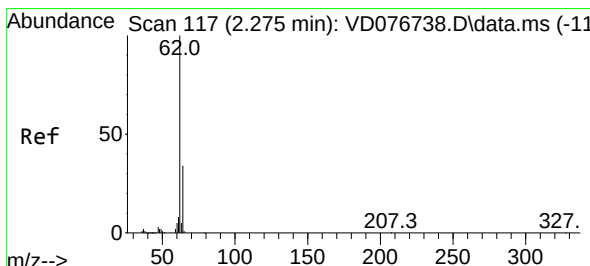
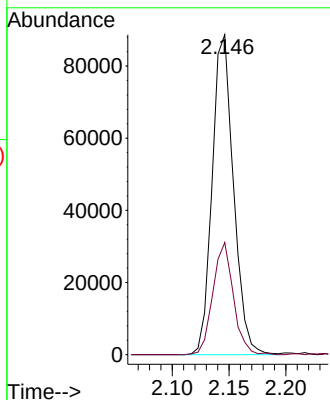
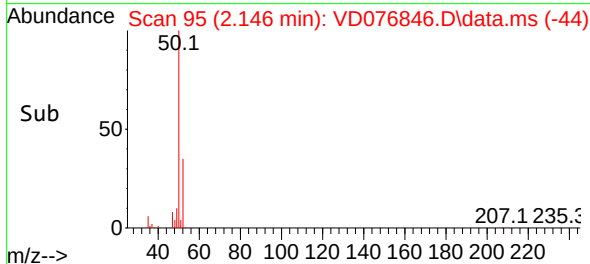
Instrument :
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Tgt Ion: 50 Resp: 115910
Ion Ratio Lower Upper
50 100
52 35.1 26.6 40.0

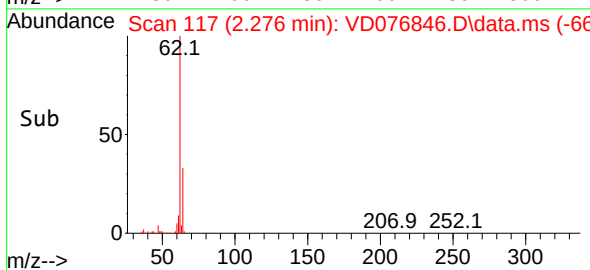
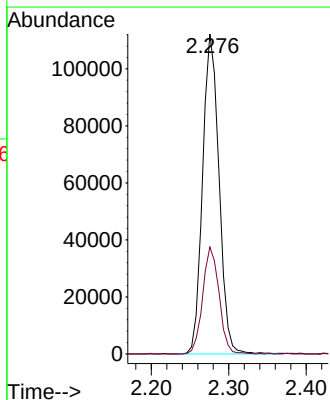
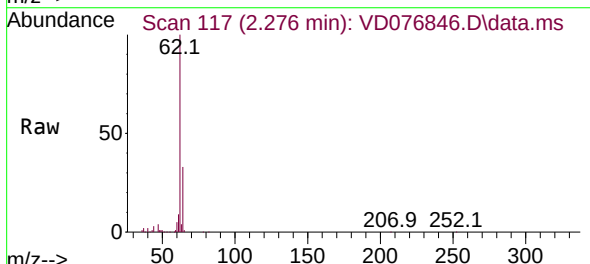
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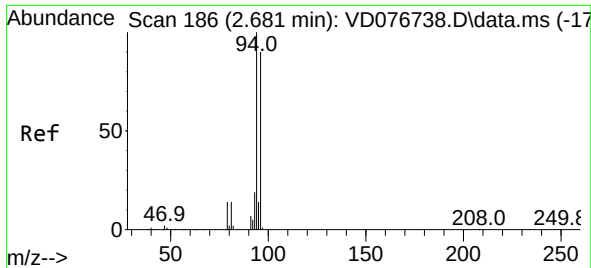
Reviewed By :John Carlone 07/31/2023
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#4
Vinyl Chloride
Concen: 51.277 ug/l
RT: 2.276 min Scan# 117
Delta R.T. 0.001 min
Lab File: VD076846.D
Acq: 28 Jul 2023 10:36

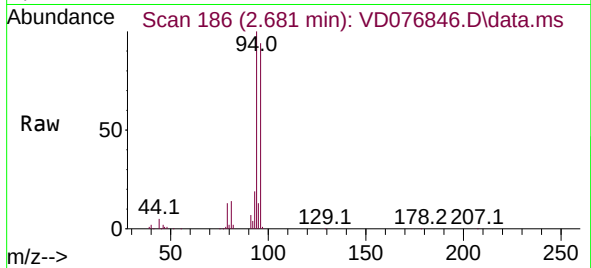
Tgt Ion: 62 Resp: 165339
Ion Ratio Lower Upper
62 100
64 33.4 26.0 39.0





#5
Bromomethane
Concen: 49.258 ug/l
RT: 2.681 min Scan# 186
Delta R.T. 0.000 min
Lab File: VD076846.D
Acq: 28 Jul 2023 10:36

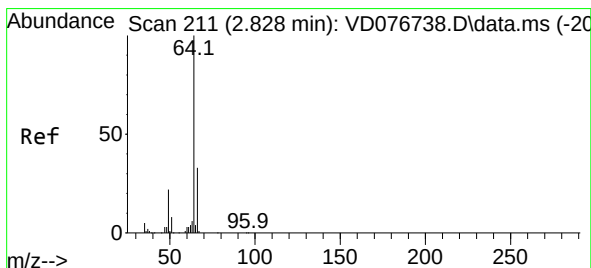
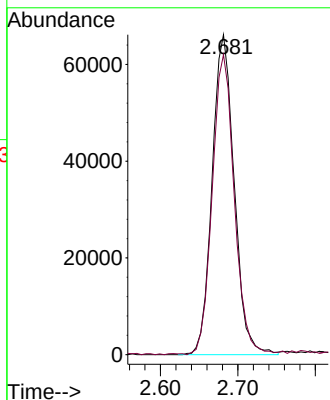
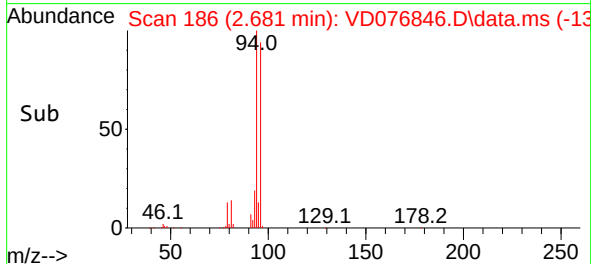
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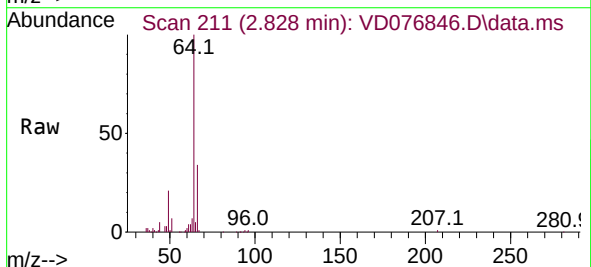
Tgt Ion: 94 Resp: 130679
Ion Ratio Lower Upper
94 100
96 93.9 75.8 113.8

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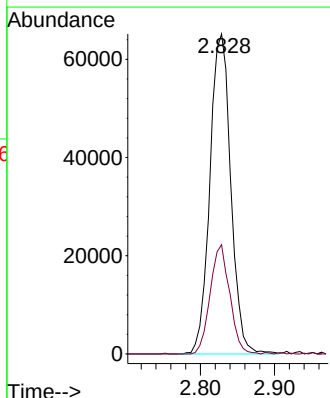
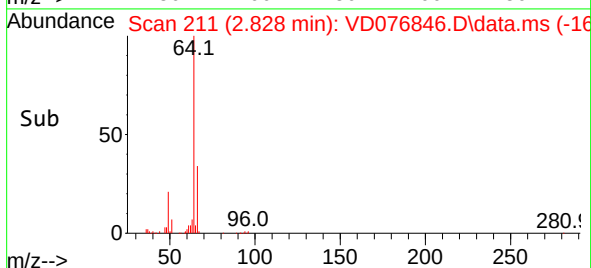
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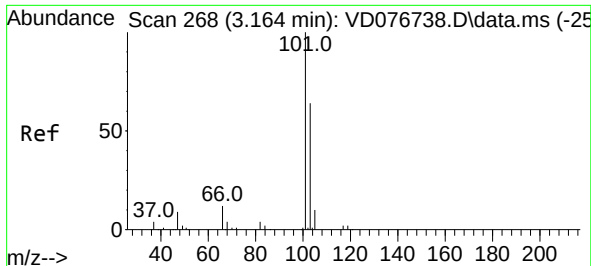


#6
Chloroethane
Concen: 52.492 ug/l
RT: 2.828 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD076846.D
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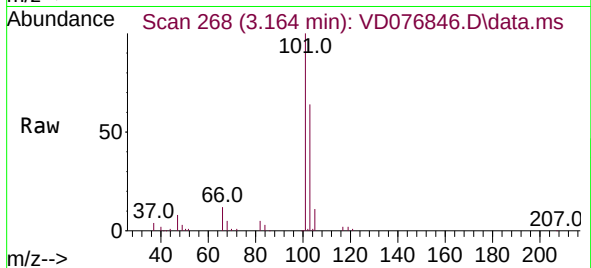
Tgt Ion: 64 Resp: 127791
Ion Ratio Lower Upper
64 100
66 34.2 25.5 38.3





#7
 Trichlorofluoromethane
 Concen: 54.417 ug/l
 RT: 3.164 min Scan# 207
 Delta R.T. -0.000 min
 Lab File: VD076846.D
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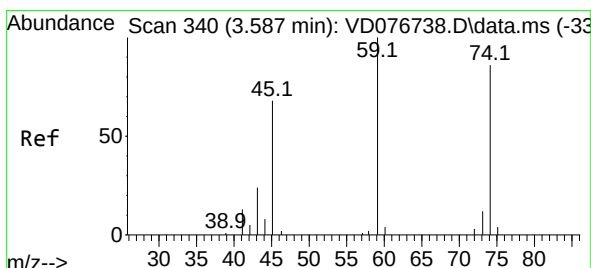
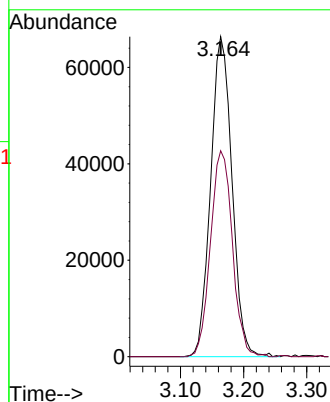
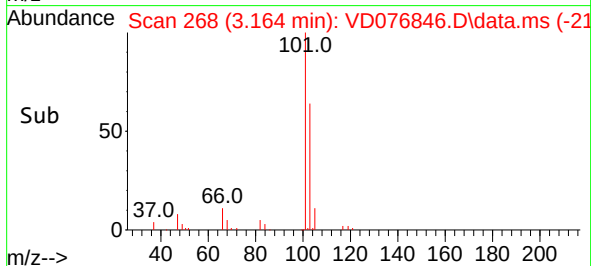
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



Tgt Ion:101 Resp: 156129
 Ion Ratio Lower Upper
 101 100
 103 64.3 52.3 78.5

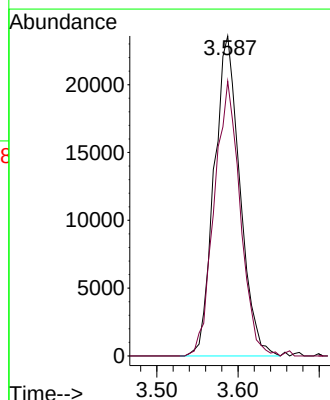
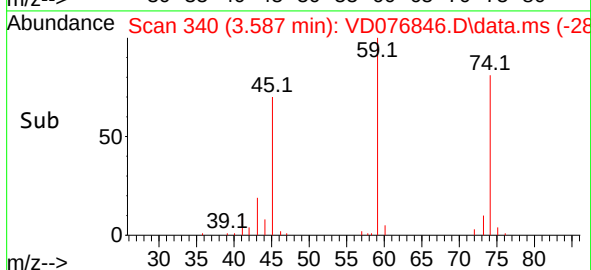
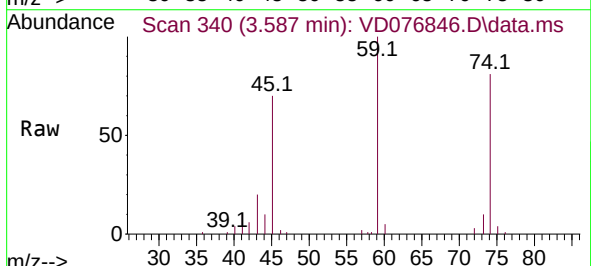
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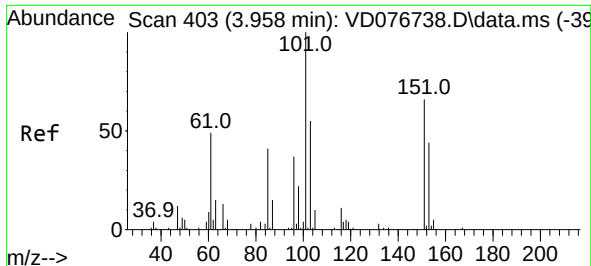
Reviewed By :John Carlone 07/31/2023
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#8
 Diethyl Ether
 Concen: 52.634 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 51993
 Ion Ratio Lower Upper
 74 100
 45 86.3 37.5 112.7





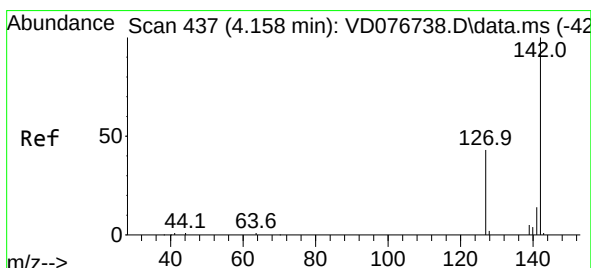
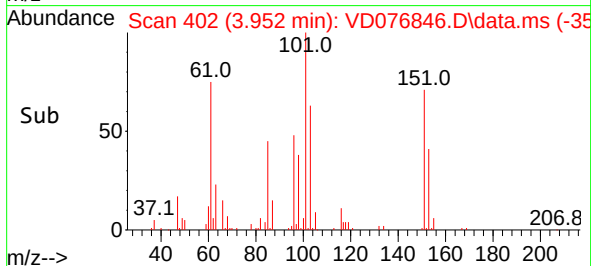
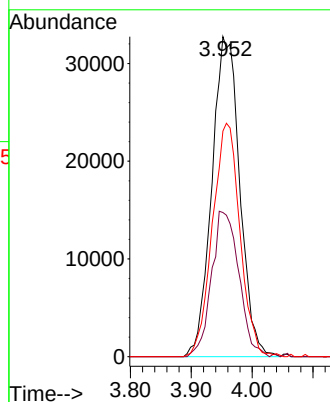
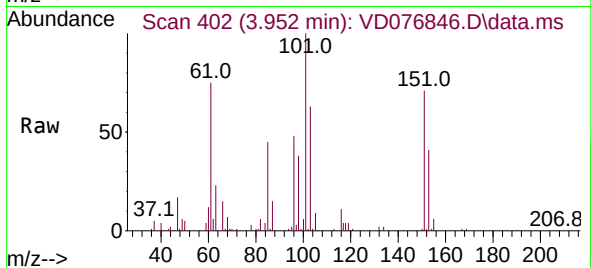
#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.259 ug/l
RT: 3.952 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD076846.D
Acq: 28 Jul 2023 10:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 10421
Ion Ratio Lower Upper
101 100
85 44.5 33.8 50.6
151 72.0 59.8 89.6

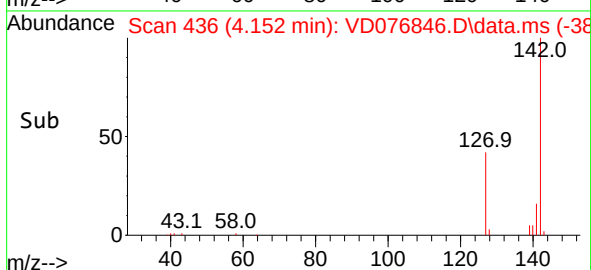
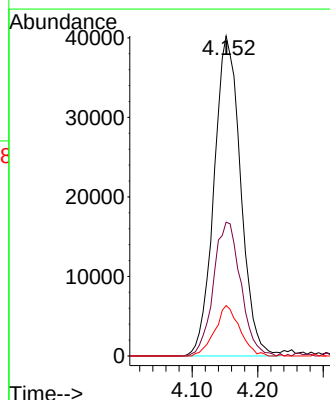
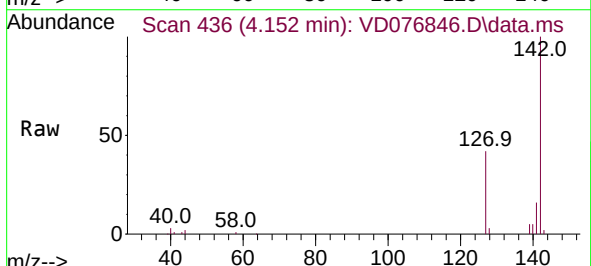
Manual Integrations
APPROVED

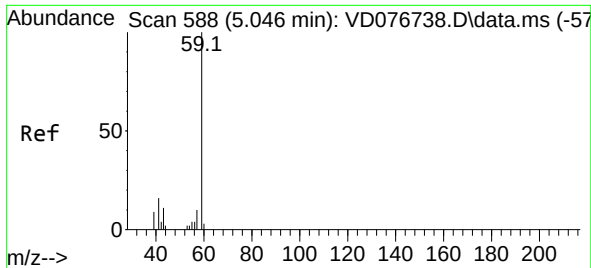
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#10
Methyl Iodide
Concen: 53.280 ug/l
RT: 4.152 min Scan# 436
Delta R.T. -0.006 min
Lab File: VD076846.D
Acq: 28 Jul 2023 10:36

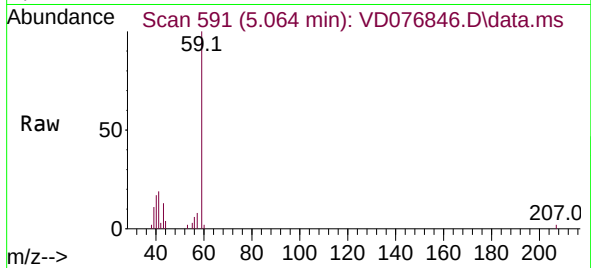
Tgt Ion:142 Resp: 113273
Ion Ratio Lower Upper
142 100
127 42.8 29.4 44.0
141 14.7 11.1 16.7





#11
Tert butyl alcohol
Concen: 260.551 ug/l
RT: 5.064 min Scan# 591
Delta R.T. 0.018 min
Lab File: VD076846.D
Acq: 28 Jul 2023 10:36

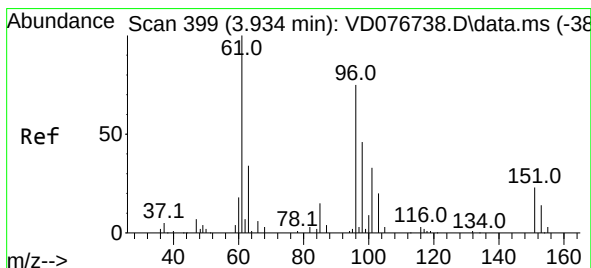
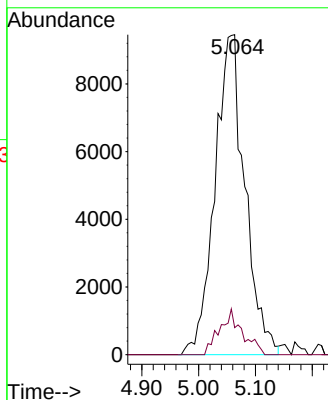
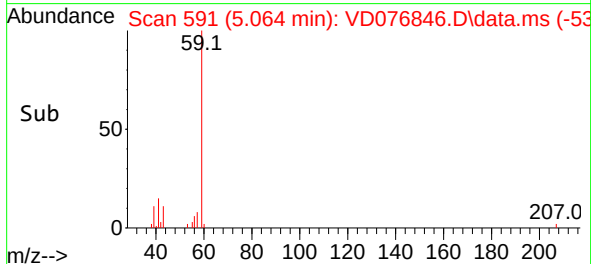
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



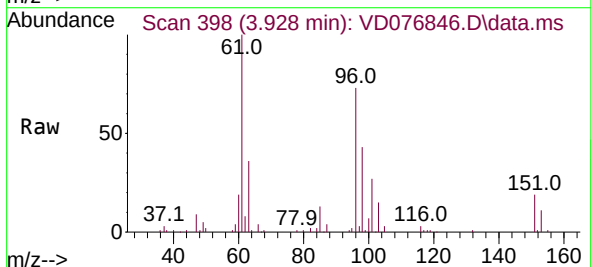
Tgt Ion: 59 Resp: 34725
Ion Ratio Lower Upper
59 100
57 10.7 7.8 11.8

Manual Integrations
APPROVED

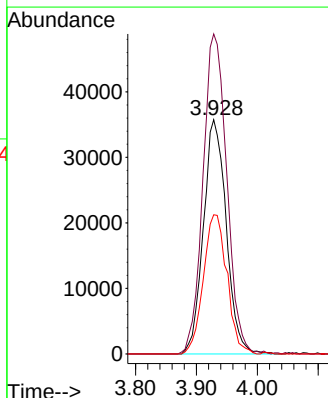
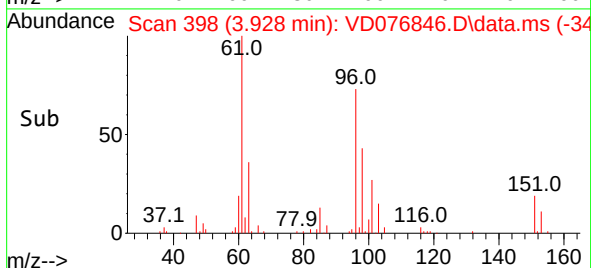
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

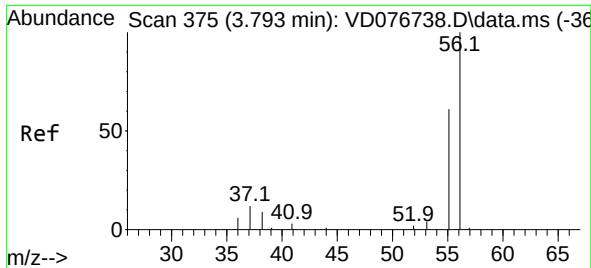


#12
1,1-Dichloroethene
Concen: 52.669 ug/l
RT: 3.928 min Scan# 398
Delta R.T. -0.006 min
Lab File: VD076846.D
Acq: 28 Jul 2023 10:36



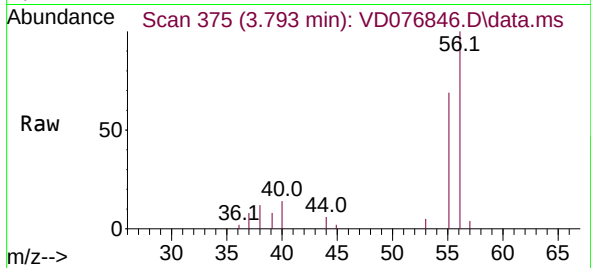
Tgt Ion: 96 Resp: 93324
Ion Ratio Lower Upper
96 100
61 136.6 100.6 150.8
98 59.4 50.2 75.2





#13
Acrolein
Concen: 267.566 ug/l
RT: 3.793 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD076846.D
Acq: 28 Jul 2023 10:36

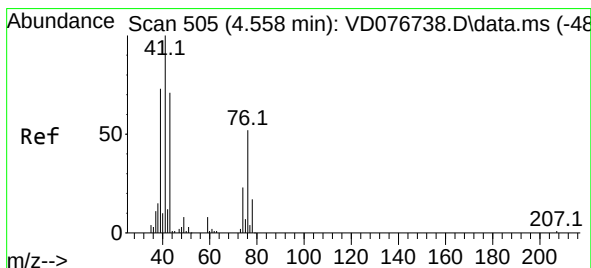
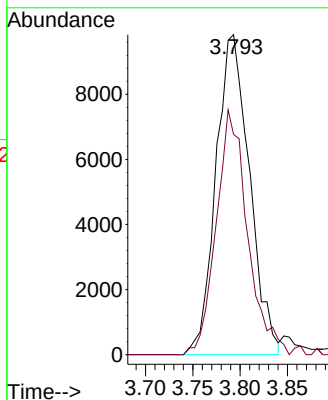
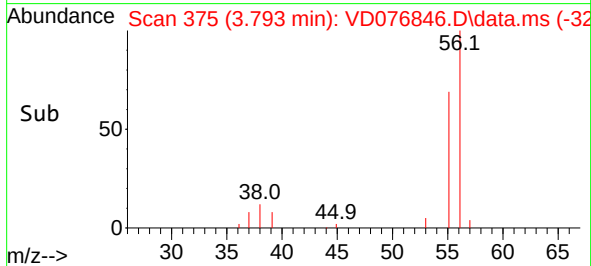
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 2430
Ion Ratio Lower Upper
56 100
55 71.1 55.1 82.7

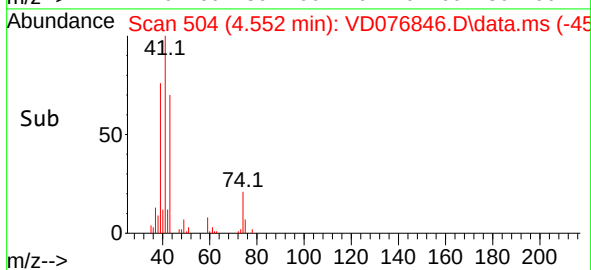
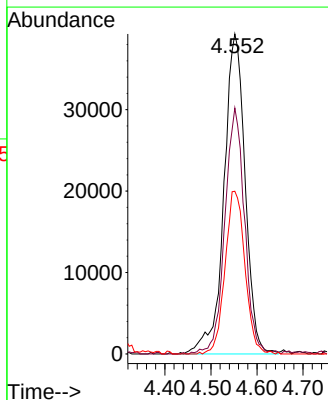
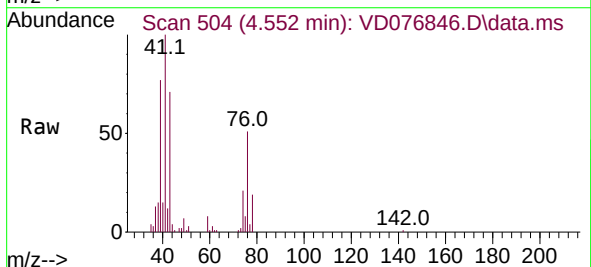
Manual Integrations
APPROVED

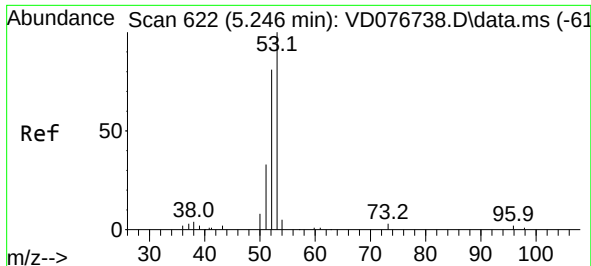
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#14
Allyl chloride
Concen: 54.020 ug/l
RT: 4.552 min Scan# 504
Delta R.T. -0.006 min
Lab File: VD076846.D
Acq: 28 Jul 2023 10:36

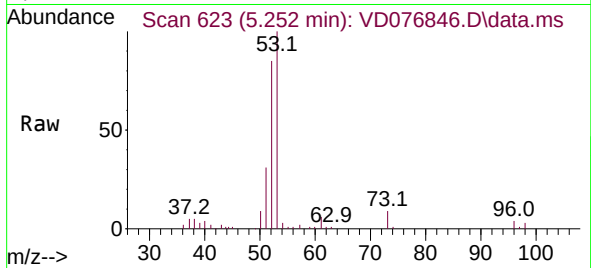
Tgt Ion: 41 Resp: 125741
Ion Ratio Lower Upper
41 100
39 71.0 53.8 80.6
76 47.6 45.8 68.8





#15
Acrylonitrile
Concen: 265.241 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD076846.D
Acq: 28 Jul 2023 10:36

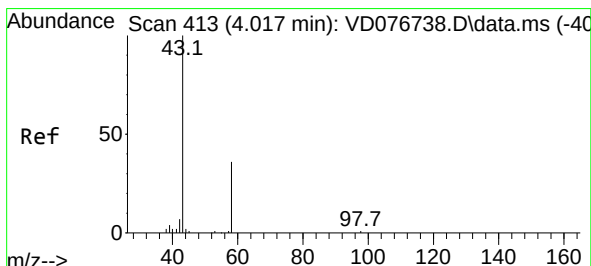
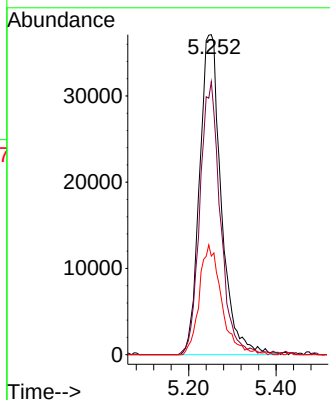
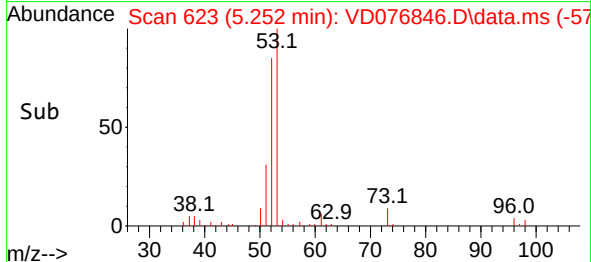
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 12868
Ion Ratio Lower Upper
53 100
52 80.2 65.0 97.4
51 35.2 28.3 42.5

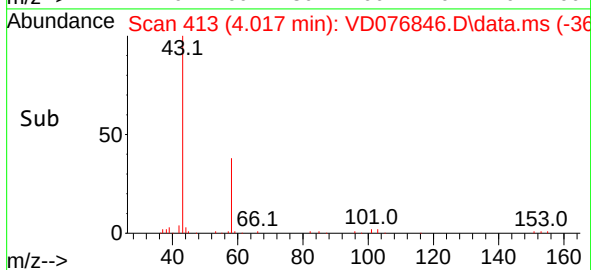
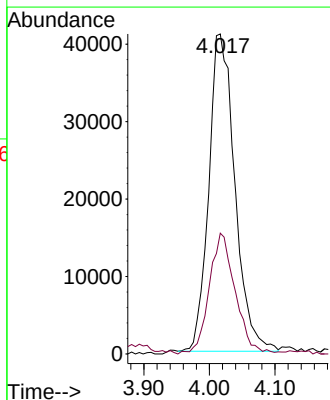
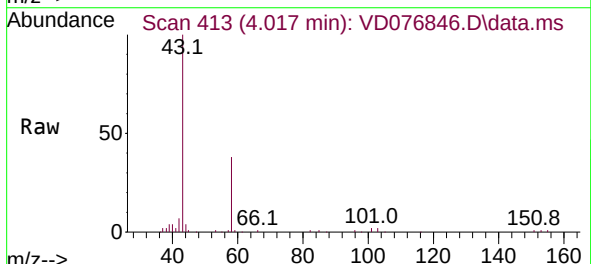
Manual Integrations
APPROVED

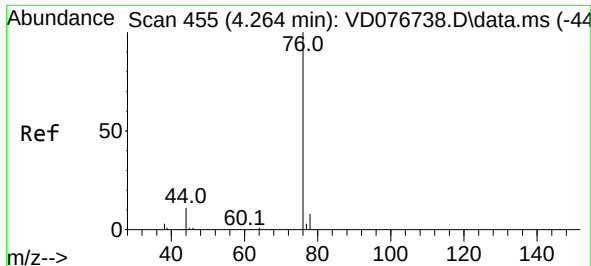
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#16
Acetone
Concen: 265.464 ug/l
RT: 4.017 min Scan# 413
Delta R.T. -0.000 min
Lab File: VD076846.D
Acq: 28 Jul 2023 10:36

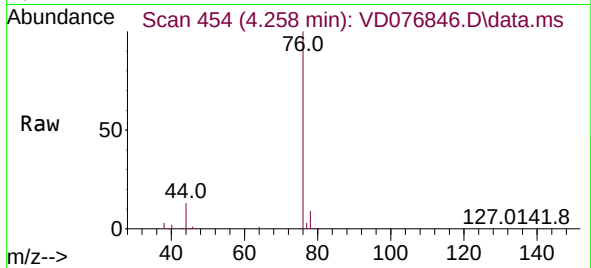
Tgt Ion: 43 Resp: 113231
Ion Ratio Lower Upper
43 100
58 38.1 34.7 52.1





#17
Carbon Disulfide
Concen: 47.910 ug/l
RT: 4.258 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD076846.D
Acq: 28 Jul 2023 10:36

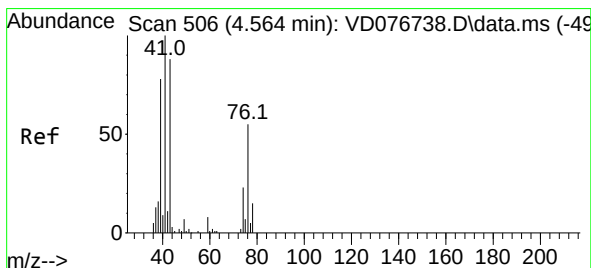
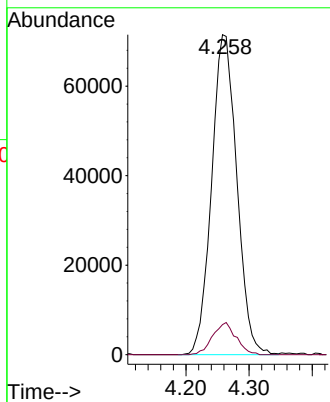
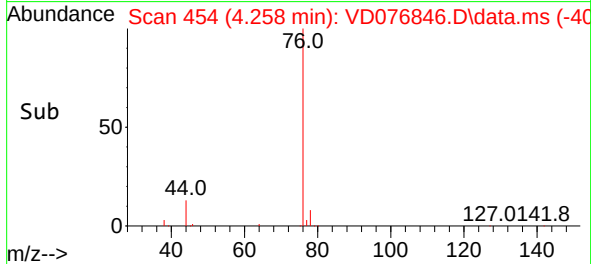
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 19827
Ion Ratio Lower Upper
76 100
78 9.4 6.8 10.2

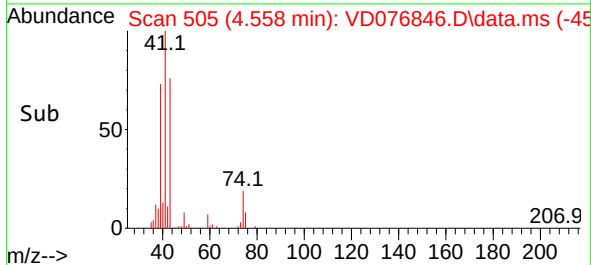
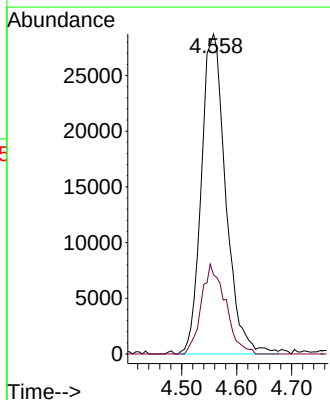
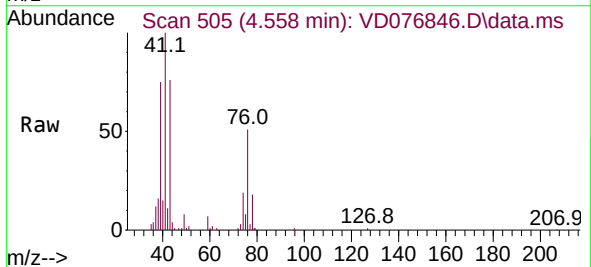
Manual Integrations
APPROVED

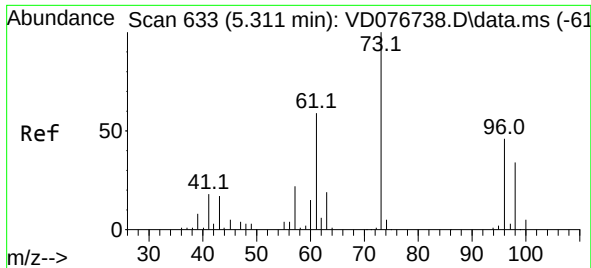
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#18
Methyl Acetate
Concen: 55.274 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD076846.D
Acq: 28 Jul 2023 10:36

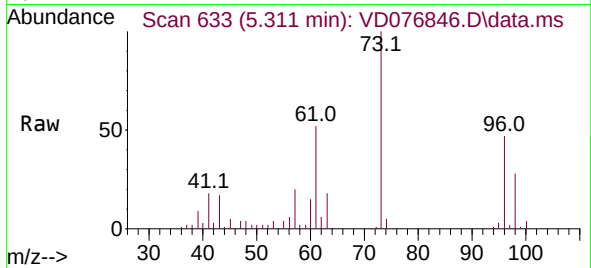
Tgt Ion: 43 Resp: 88580
Ion Ratio Lower Upper
43 100
74 27.7 26.4 39.6





#19
Methyl tert-butyl Ether
Concen: 55.491 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.000 min
Lab File: VD076846.D
Acq: 28 Jul 2023 10:36

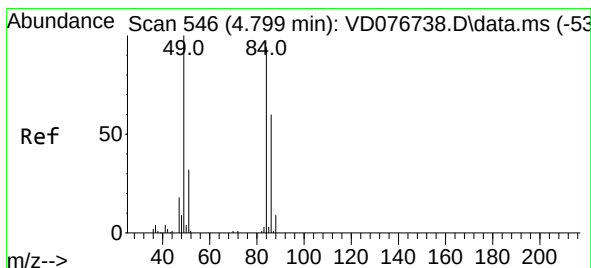
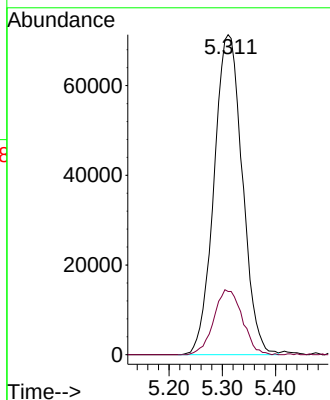
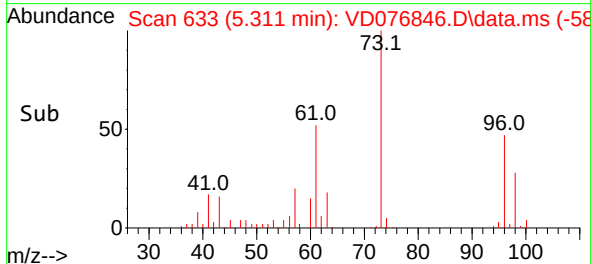
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 263670
Ion Ratio Lower Upper
73 100
57 19.8 16.6 25.0

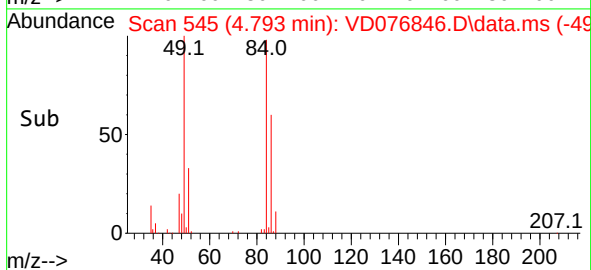
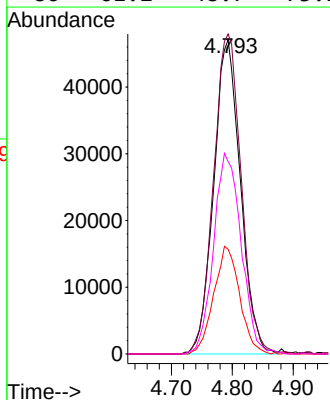
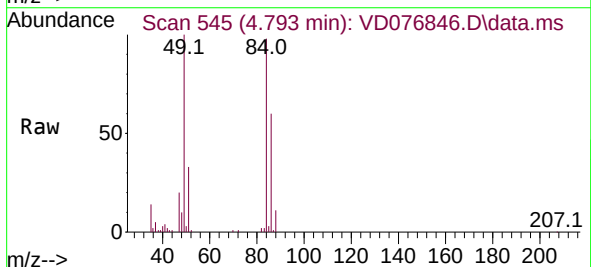
Manual Integrations
APPROVED

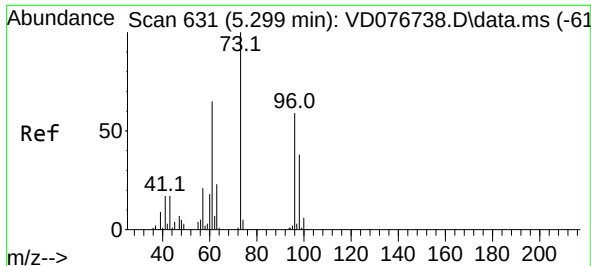
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#20
Methylene Chloride
Concen: 58.213 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD076846.D
Acq: 28 Jul 2023 10:36

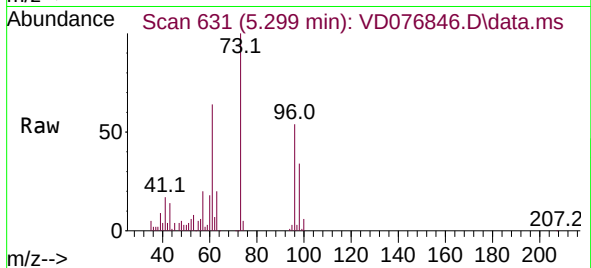
Tgt Ion: 84 Resp: 143557
Ion Ratio Lower Upper
84 100
49 101.9 71.4 107.2
51 33.3 24.5 36.7
86 61.2 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 53.687 ug/l
RT: 5.299 min Scan# 611
Delta R.T. -0.000 min
Lab File: VD076846.D
Acq: 28 Jul 2023 10:36

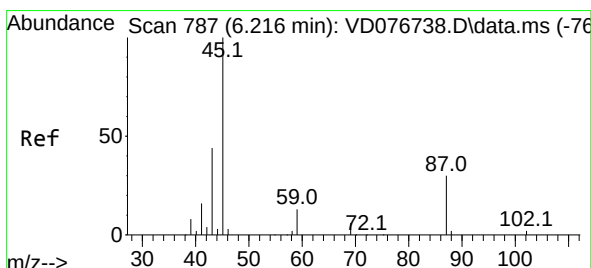
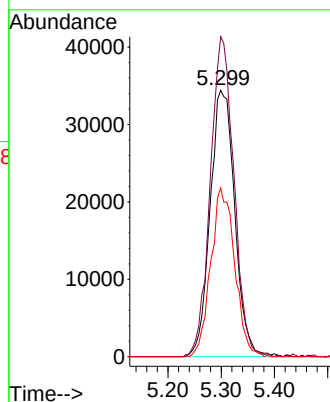
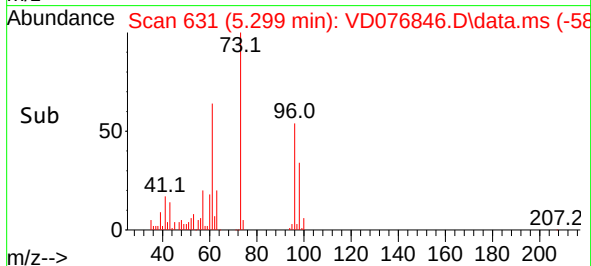
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



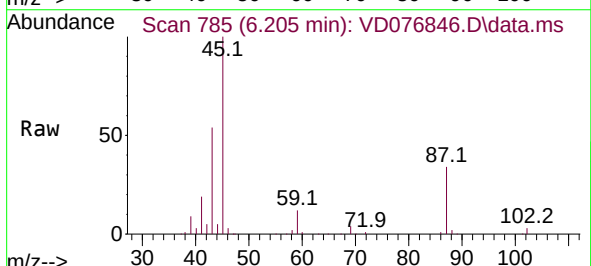
Tgt Ion: 96 Resp: 110570
Ion Ratio Lower Upper
96 100
61 120.1 89.3 133.9
98 63.3 48.6 73.0

Manual Integrations
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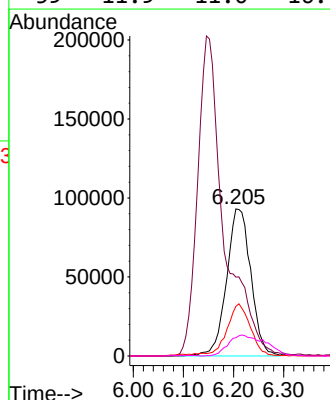
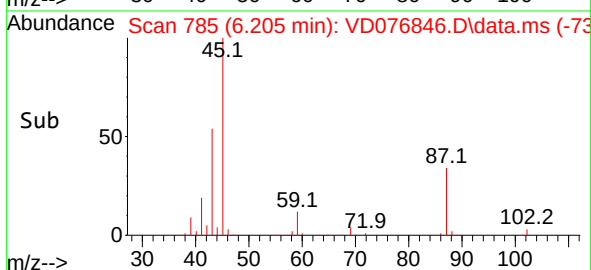
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

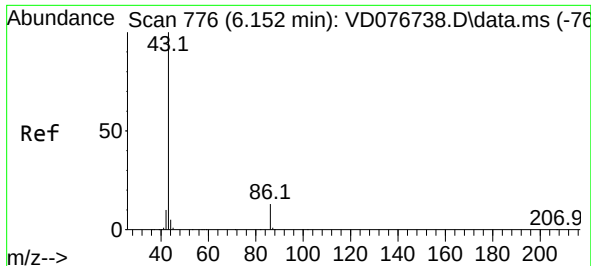


#22
Diisopropyl ether
Concen: 56.745 ug/l
RT: 6.205 min Scan# 785
Delta R.T. -0.011 min
Lab File: VD076846.D
Acq: 28 Jul 2023 10:36



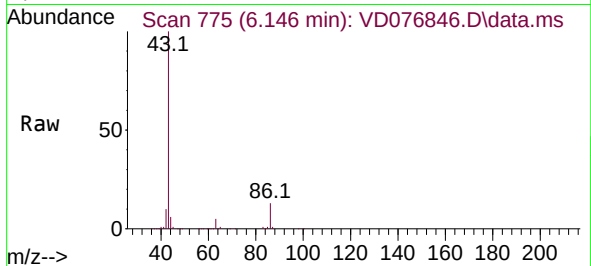
Tgt Ion: 45 Resp: 312771
Ion Ratio Lower Upper
45 100
43 52.0 40.0 60.0
87 33.4 28.2 42.4
59 11.9 11.0 16.4





#23
Vinyl Acetate
Concen: 273.194 ug/l
RT: 6.146 min Scan# 775
Delta R.T. -0.006 min
Lab File: VD076846.D
Acq: 28 Jul 2023 10:36

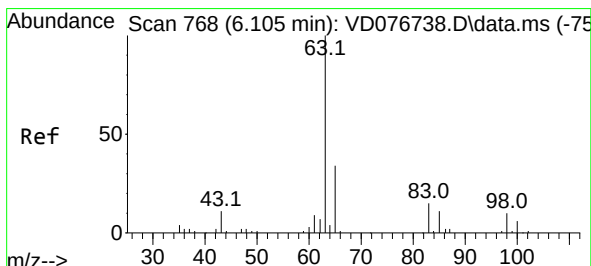
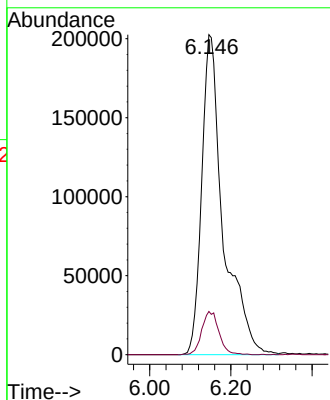
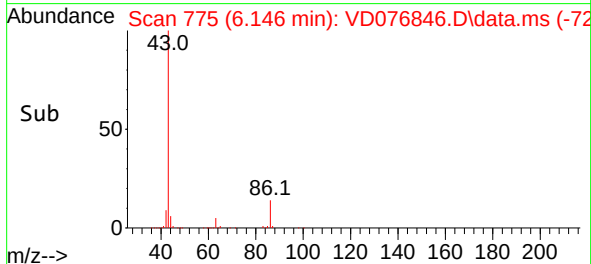
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 74505
Ion Ratio Lower Upper
43 100
86 13.5 12.5 18.7

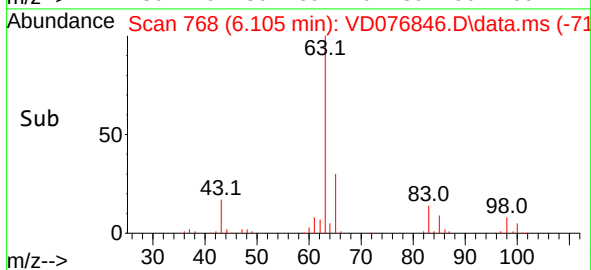
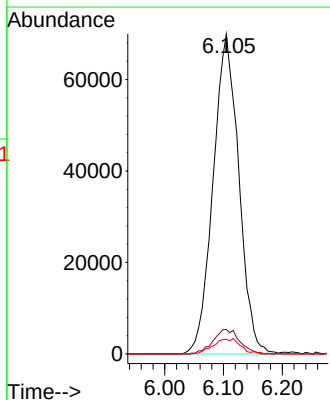
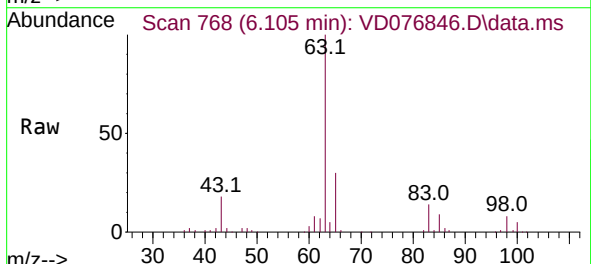
Manual Integrations
APPROVED

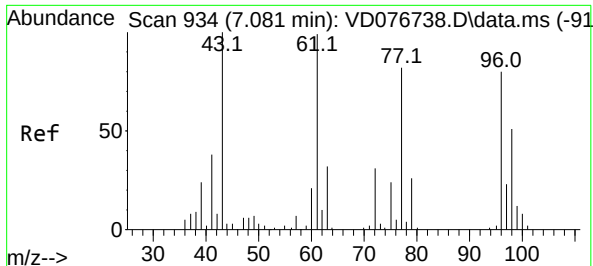
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#24
1,1-Dichloroethane
Concen: 57.086 ug/l
RT: 6.105 min Scan# 768
Delta R.T. -0.000 min
Lab File: VD076846.D
Acq: 28 Jul 2023 10:36

Tgt Ion: 63 Resp: 212149
Ion Ratio Lower Upper
63 100
98 7.7 4.5 13.7
100 4.6 2.5 7.5





#25

2-Butanone

Concen: 272.771 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD076846.D

Acq: 28 Jul 2023 10:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 155714

Ion Ratio Lower Upper

43 100

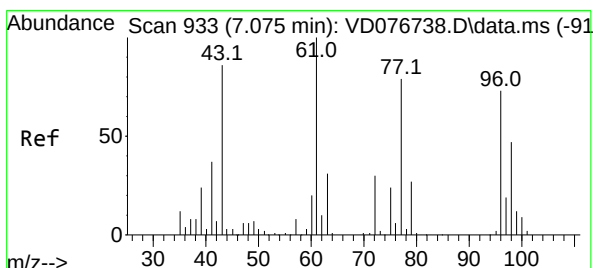
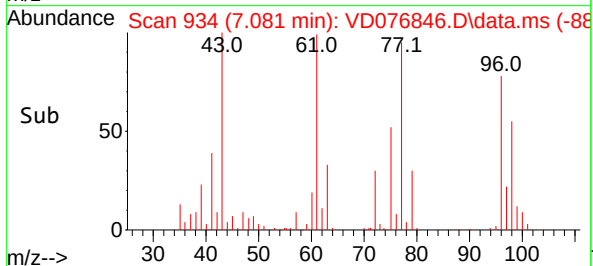
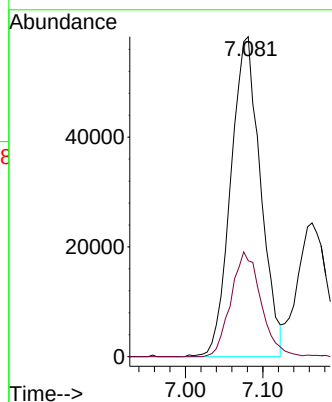
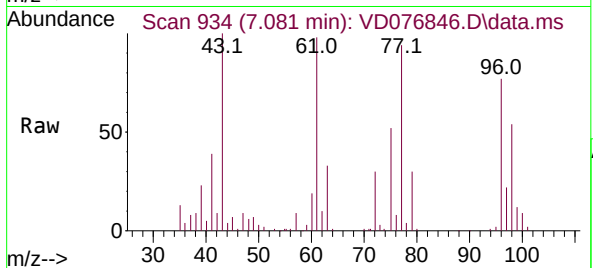
72 30.0 30.7 46.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#26

2,2-Dichloropropane

Concen: 57.780 ug/l

RT: 7.069 min Scan# 932

Delta R.T. -0.006 min

Lab File: VD076846.D

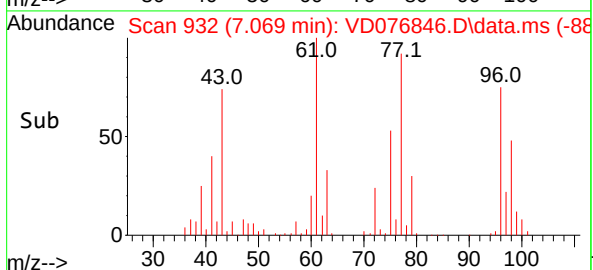
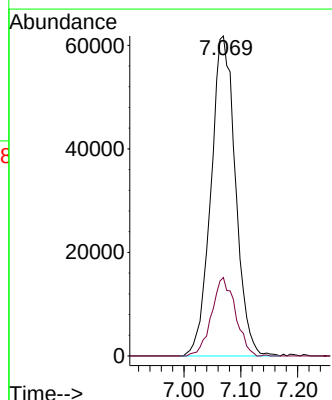
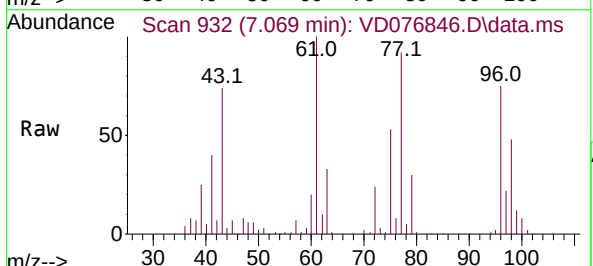
Acq: 28 Jul 2023 10:36

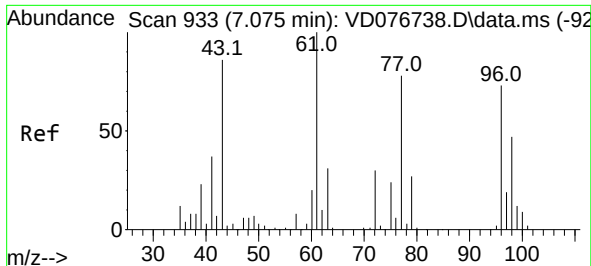
Tgt Ion: 77 Resp: 185100

Ion Ratio Lower Upper

77 100

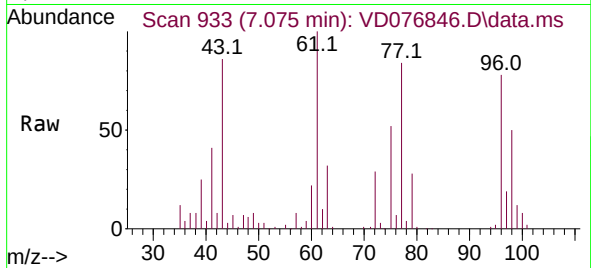
97 23.8 13.2 39.6





#27
 cis-1,2-Dichloroethene
 Concen: 55.757 ug/l
 RT: 7.075 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VD076846.D
 Acq: 28 Jul 2023 10:36

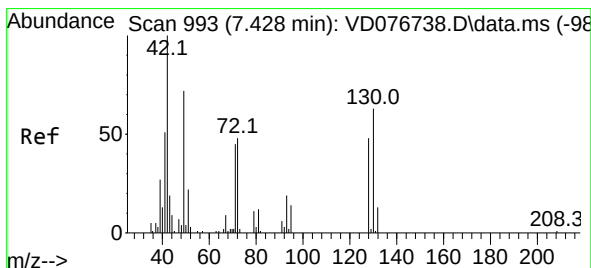
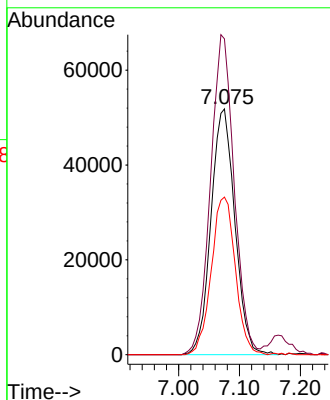
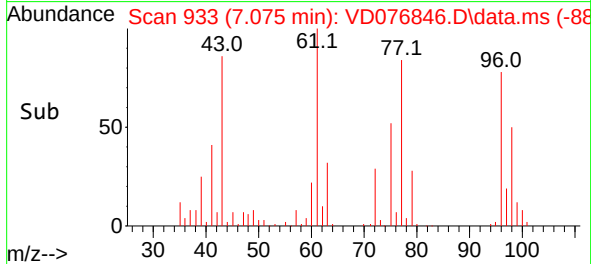
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 141570
 Ion Ratio Lower Upper
 96 100
 61 128.7 0.0 239.2
 98 64.4 0.0 128.6

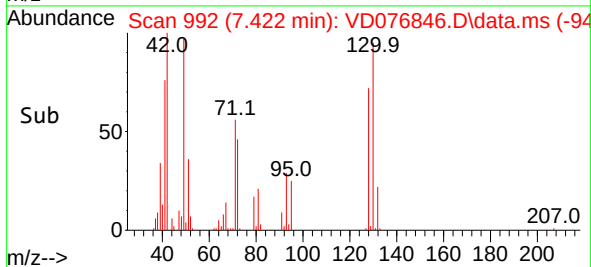
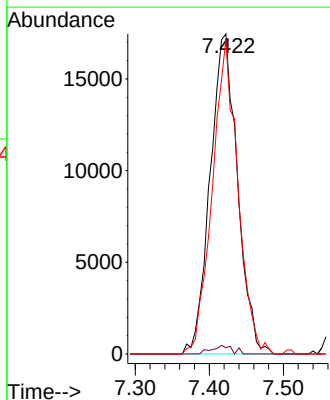
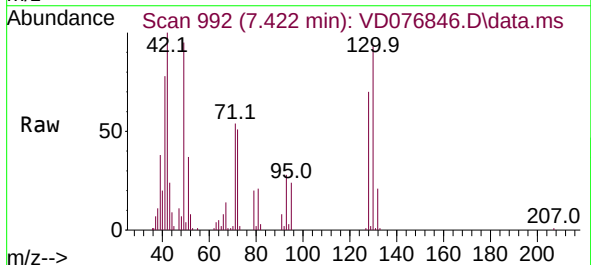
Manual Integrations
 APPROVED

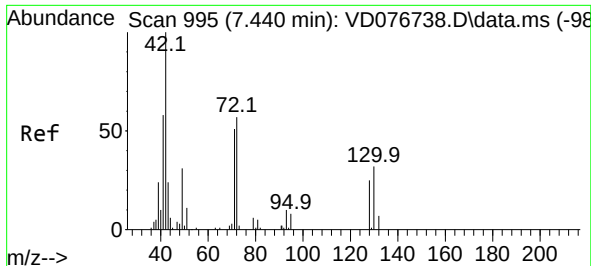
Reviewed By :John Carlone 07/31/2023
 Supervised By :Mahesh Dadoda 07/31/2023



#28
 Bromochloromethane
 Concen: 48.006 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD076846.D
 Acq: 28 Jul 2023 10:36

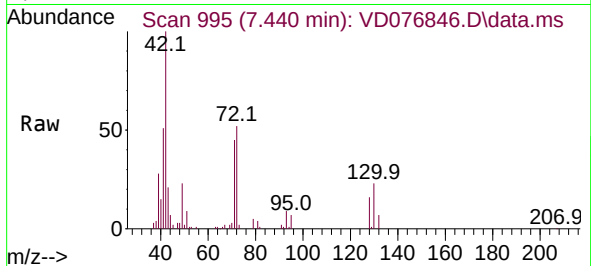
Tgt Ion: 49 Resp: 44603
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 6.0
 130 92.1 83.2 124.8





#29
Tetrahydrofuran
Concen: 272.164 ug/l
RT: 7.440 min Scan# 995
Delta R.T. -0.000 min
Lab File: VD076846.D
Acq: 28 Jul 2023 10:36

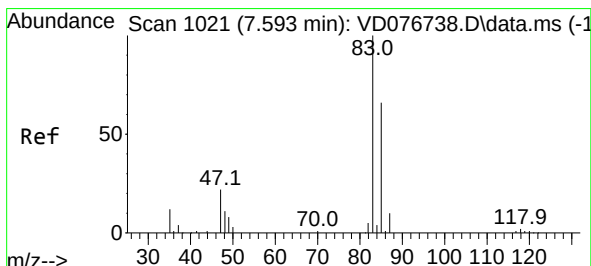
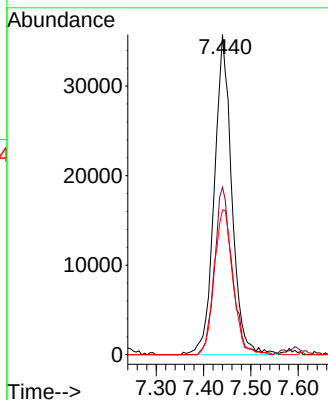
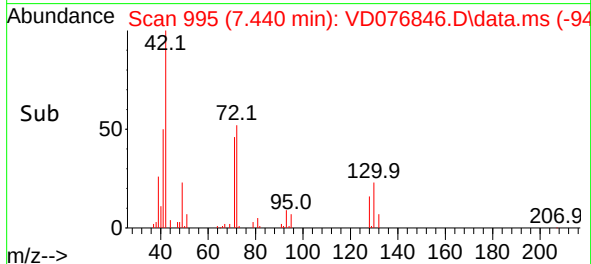
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 42 Resp: 91797
Ion Ratio Lower Upper
42 100
72 52.5 46.5 69.7
71 48.7 44.5 66.7

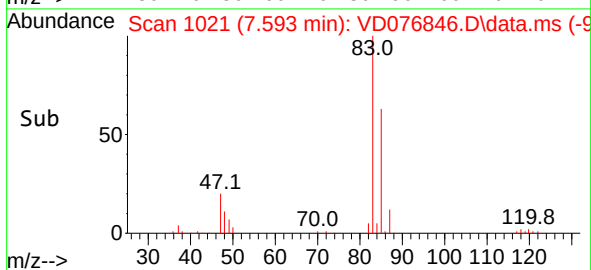
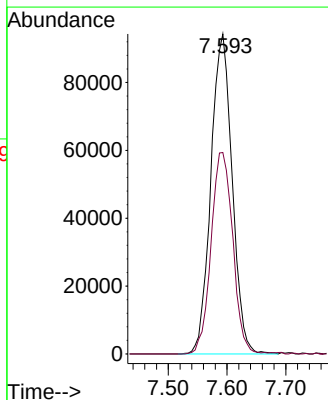
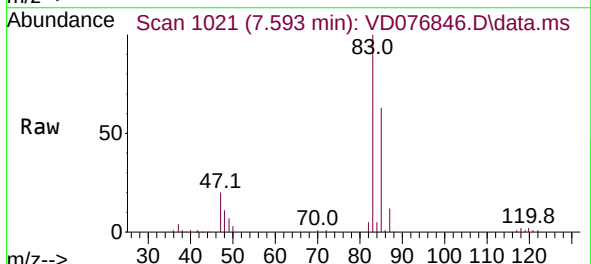
Manual Integrations
APPROVED

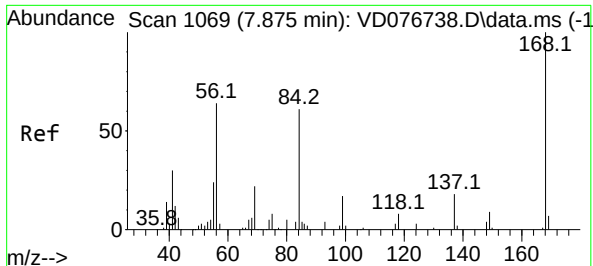
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#30
Chloroform
Concen: 58.211 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD076846.D
Acq: 28 Jul 2023 10:36

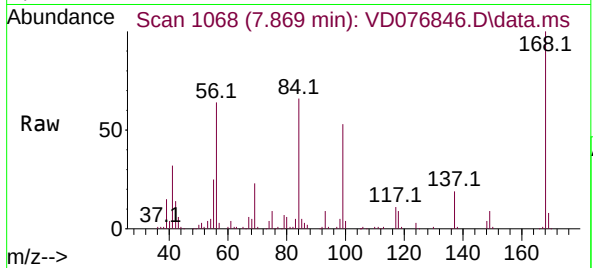
Tgt Ion: 83 Resp: 236942
Ion Ratio Lower Upper
83 100
85 63.0 53.4 80.2





#31
Cyclohexane
Concen: 49.883 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076846.D
Acq: 28 Jul 2023 10:36

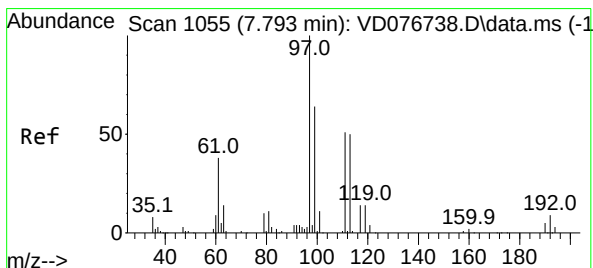
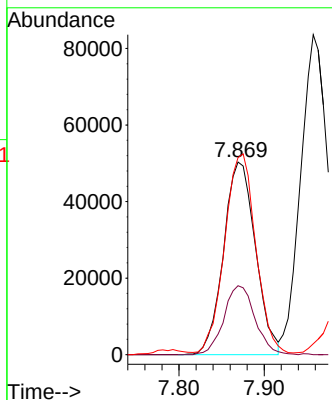
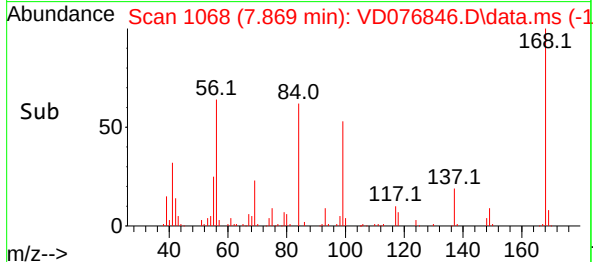
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



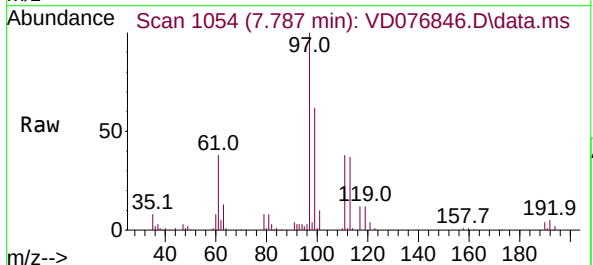
Tgt Ion: 56 Resp: 13111
Ion Ratio Lower Upper
56 100
69 35.8 28.6 43.0
84 100.3 84.8 127.2

Manual Integrations
APPROVED

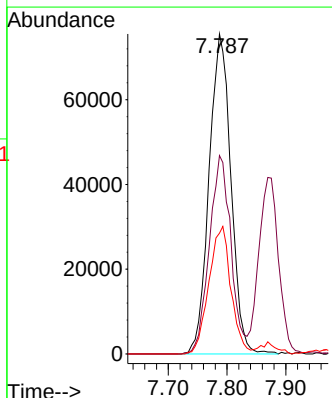
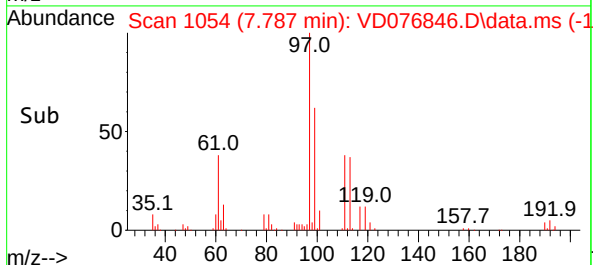
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

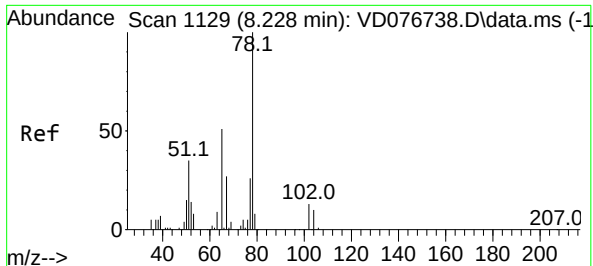


#32
1,1,1-Trichloroethane
Concen: 59.321 ug/l
RT: 7.787 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VD076846.D
Acq: 28 Jul 2023 10:36



Tgt Ion: 97 Resp: 194813
Ion Ratio Lower Upper
97 100
99 61.4 52.0 78.0
61 40.2 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 47.775 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD076846.D

Acq: 28 Jul 2023 10:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 8532

Ion Ratio Lower Upper

65 100

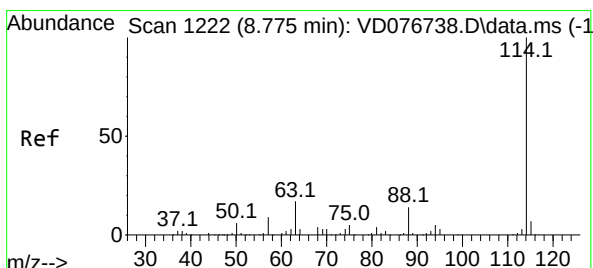
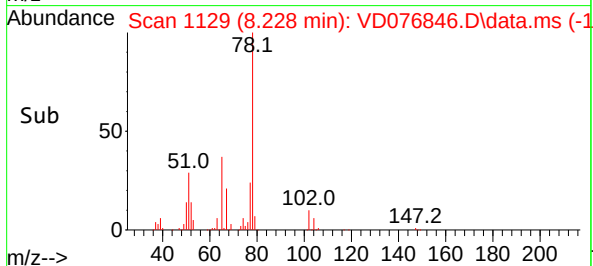
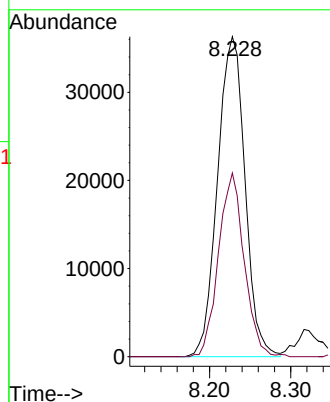
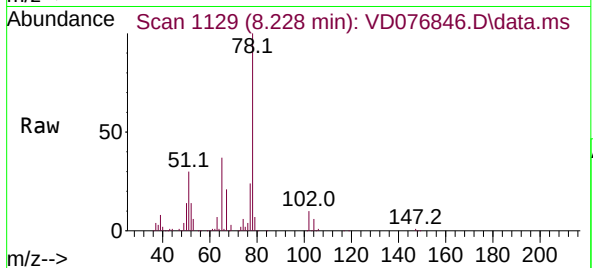
67 53.7 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD076846.D

Acq: 28 Jul 2023 10:36

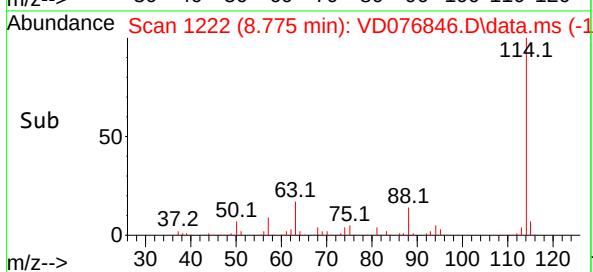
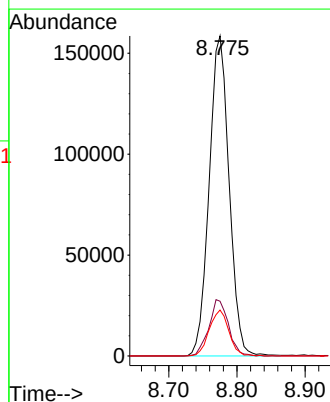
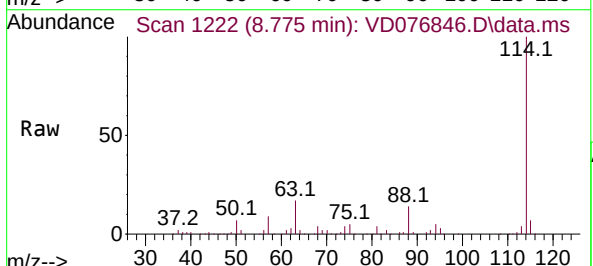
Tgt Ion:114 Resp: 323062

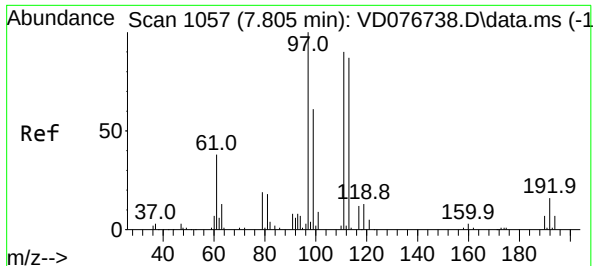
Ion Ratio Lower Upper

114 100

63 17.1 0.0 33.4

88 14.3 0.0 26.2





#35

Dibromofluoromethane

Concen: 50.189 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD076846.D

Acq: 28 Jul 2023 10:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

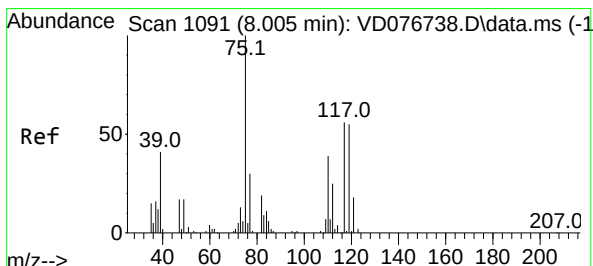
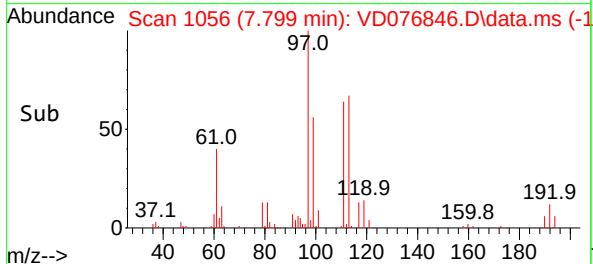
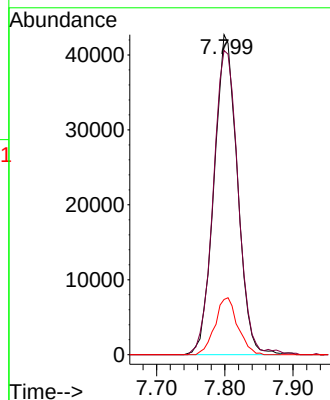
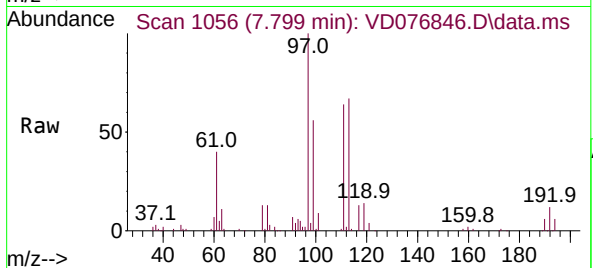
Tgt Ion:113 Resp: 101892
Ion Ratio Lower Upper
113 100
111 100.0 84.7 127.1
192 17.2 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#36

1,1-Dichloropropene

Concen: 56.095 ug/l

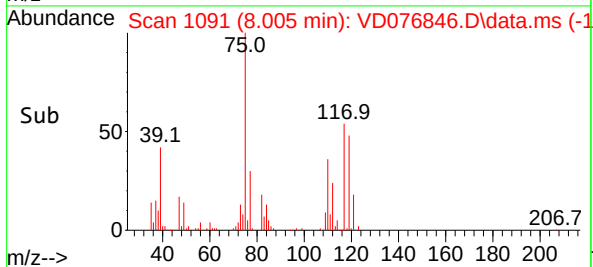
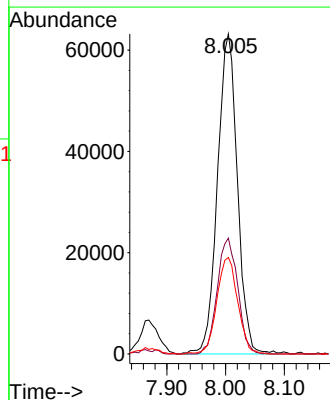
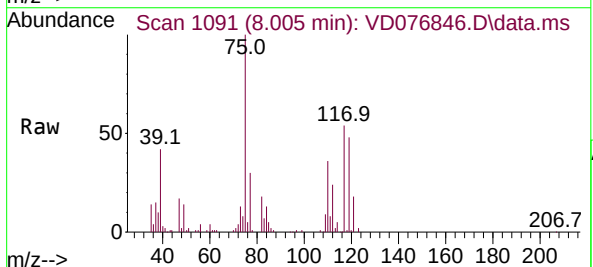
RT: 8.005 min Scan# 1091

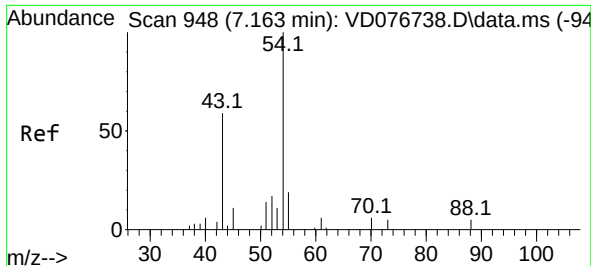
Delta R.T. -0.000 min

Lab File: VD076846.D

Acq: 28 Jul 2023 10:36

Tgt Ion: 75 Resp: 148811
Ion Ratio Lower Upper
75 100
110 37.2 19.9 59.6
77 31.6 24.7 37.1





#37

Ethyl Acetate

Concen: 55.640 ug/l

RT: 7.163 min Scan# 948

Delta R.T. 0.000 min

Lab File: VD076846.D

Acq: 28 Jul 2023 10:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 66010

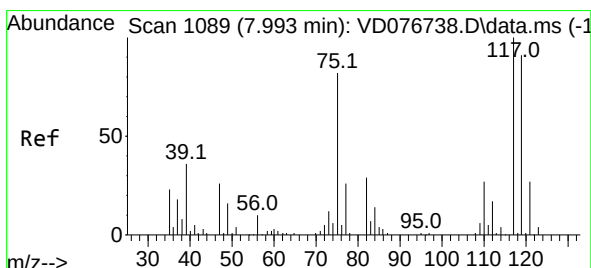
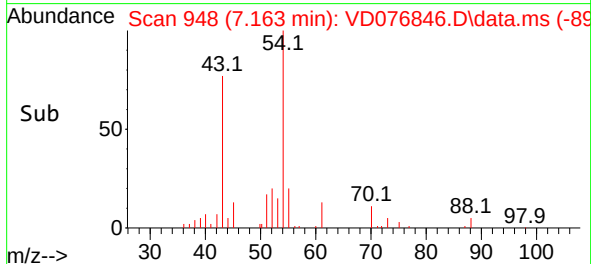
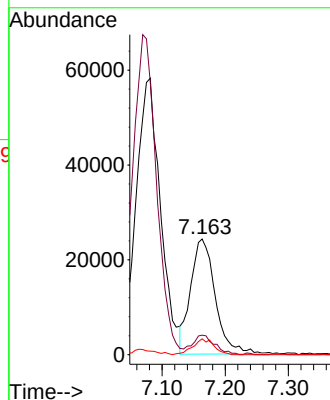
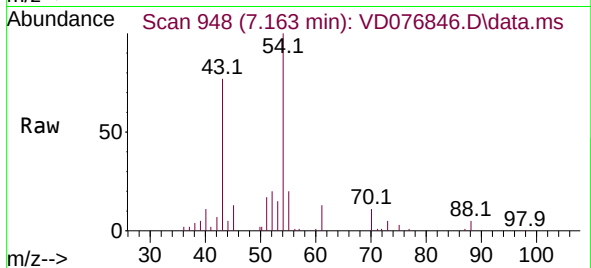
Ion	Ratio	Lower	Upper
43	100		
61	15.3	14.9	22.3
70	11.7	10.0	15.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#38

Carbon Tetrachloride

Concen: 60.765 ug/l

RT: 7.981 min Scan# 1087

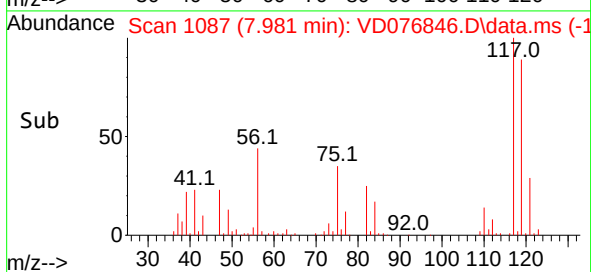
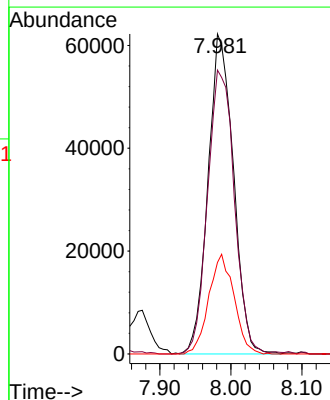
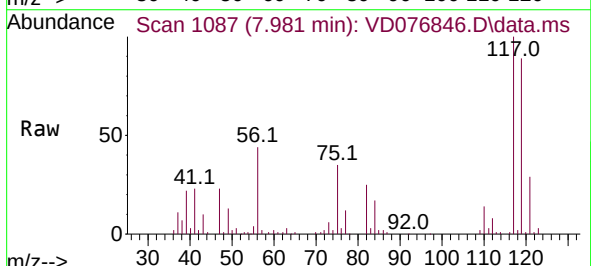
Delta R.T. -0.012 min

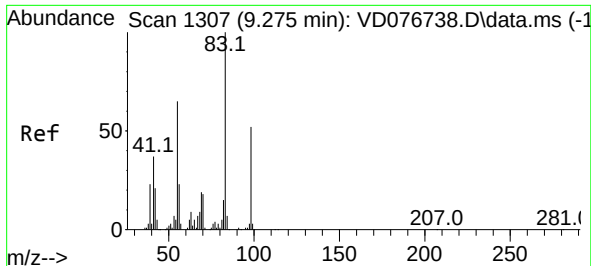
Lab File: VD076846.D

Acq: 28 Jul 2023 10:36

Tgt Ion:117 Resp: 154351

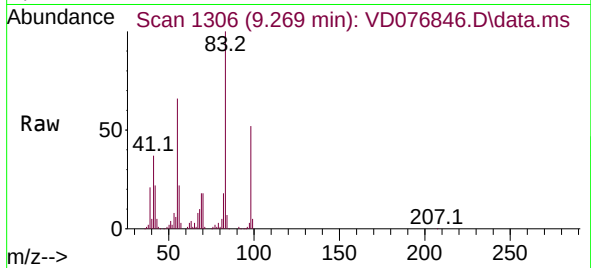
Ion	Ratio	Lower	Upper
117	100		
119	88.4	78.0	117.0
121	28.6	24.2	36.2





#39
Methylcyclohexane
Concen: 53.975 ug/l
RT: 9.269 min Scan# 11306
Delta R.T. -0.006 min
Lab File: VD076846.D
Acq: 28 Jul 2023 10:36

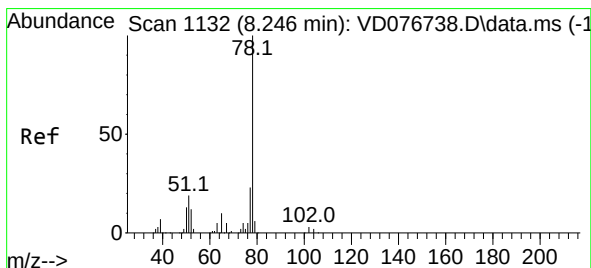
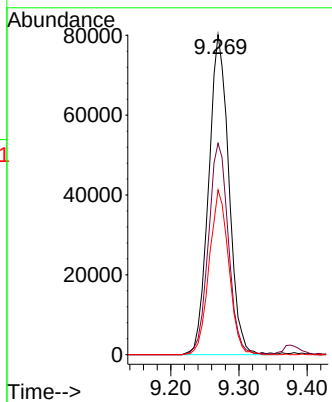
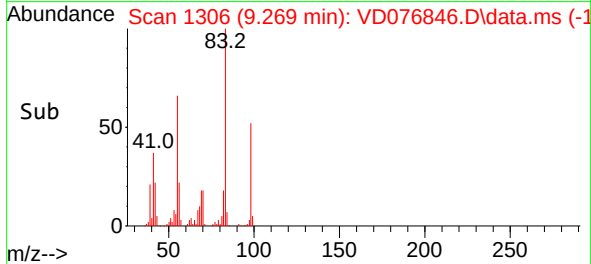
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 165332
Ion Ratio Lower Upper
83 100
55 66.0 49.4 74.0
98 51.5 38.4 57.6

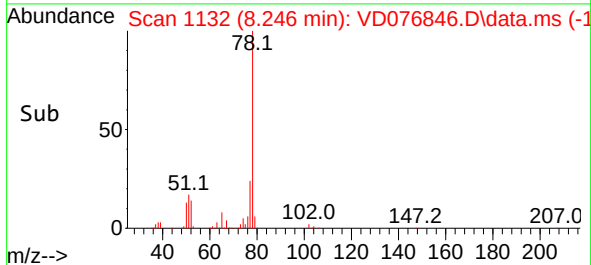
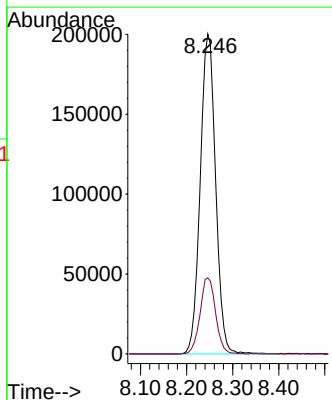
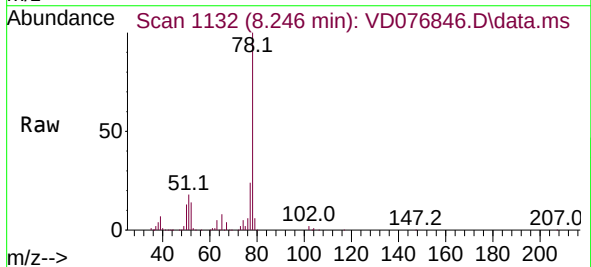
Manual Integrations
APPROVED

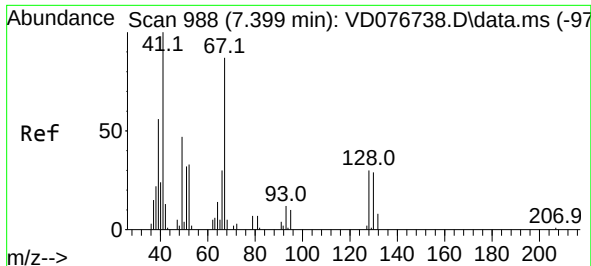
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#40
Benzene
Concen: 55.782 ug/l
RT: 8.246 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VD076846.D
Acq: 28 Jul 2023 10:36

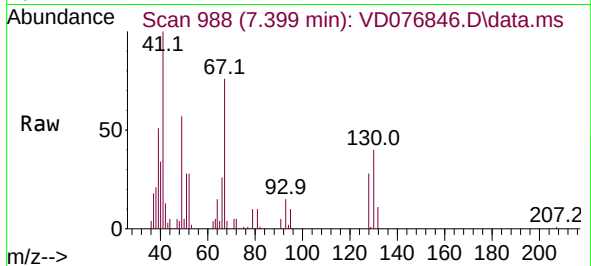
Tgt Ion: 78 Resp: 466913
Ion Ratio Lower Upper
78 100
77 23.8 19.4 29.0





#41
Methacrylonitrile
Concen: 54.528 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076846.D
Acq: 28 Jul 2023 10:36

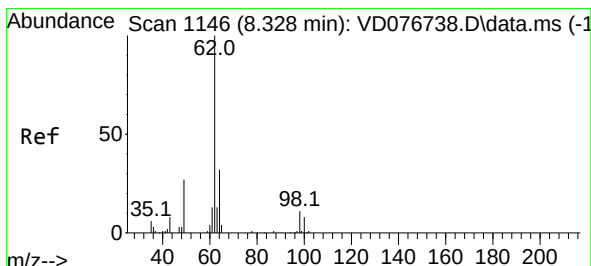
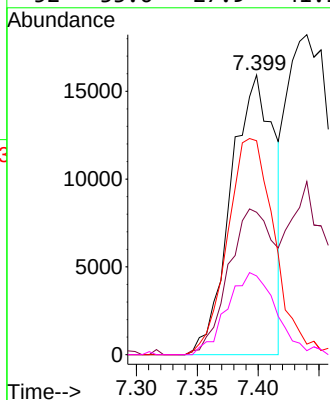
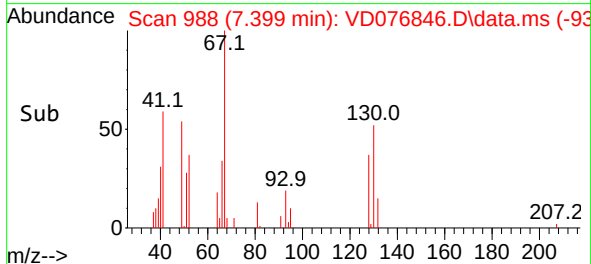
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 39504
Ion Ratio Lower Upper
41 100
39 54.5 34.0 51.0
67 83.8 77.0 115.4
52 33.6 27.9 41.9

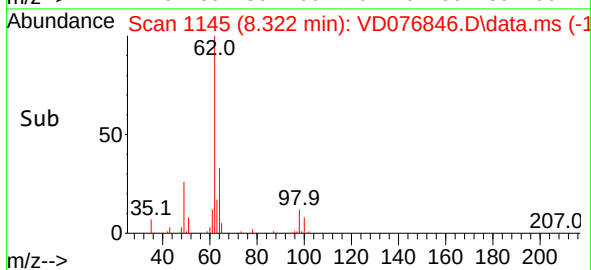
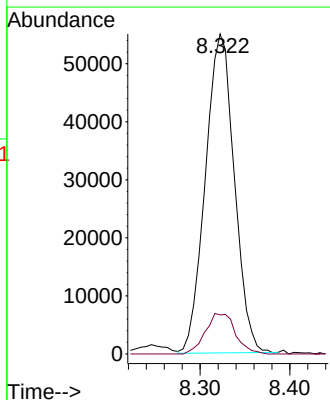
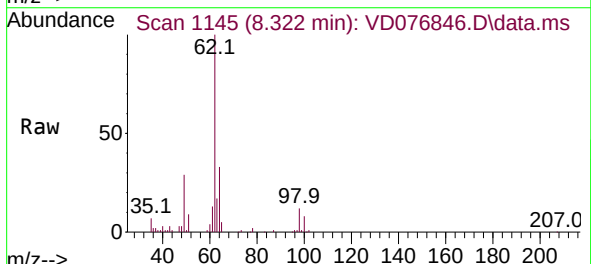
Manual Integrations
APPROVED

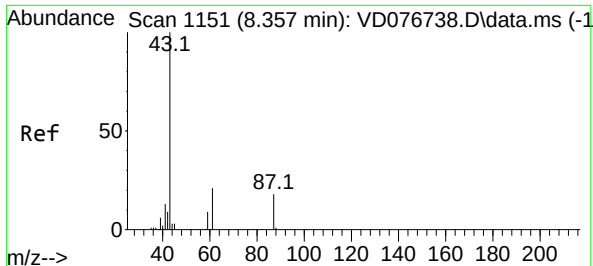
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#42
1,2-Dichloroethane
Concen: 56.665 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD076846.D
Acq: 28 Jul 2023 10:36

Tgt Ion: 62 Resp: 123240
Ion Ratio Lower Upper
62 100
98 13.1 0.0 25.4





#43

Isopropyl Acetate

Concen: 55.556 ug/l

RT: 8.358 min Scan# 1151

Delta R.T. 0.001 min

Lab File: VD076846.D

Acq: 28 Jul 2023 10:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 12863

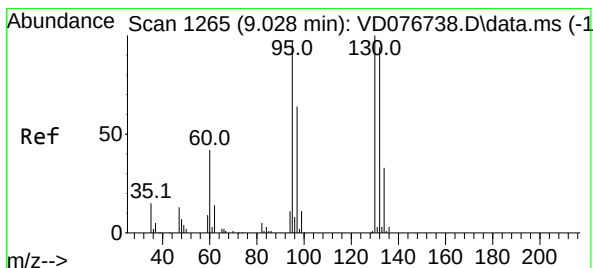
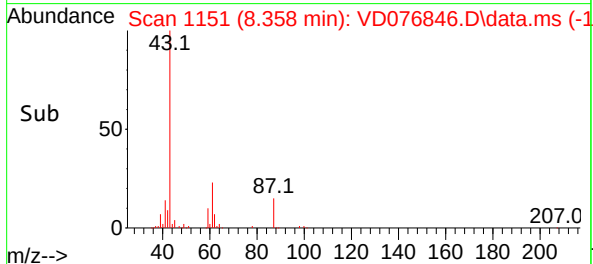
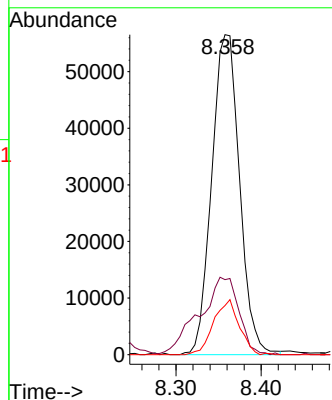
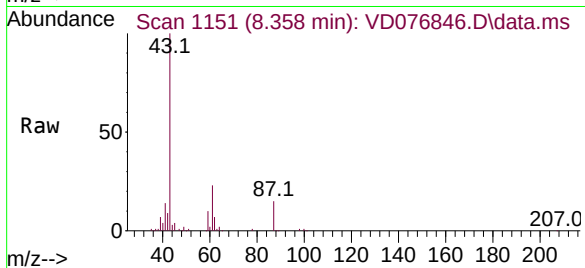
Ion	Ratio	Lower	Upper
43	100		
61	34.4	31.4	47.0
87	15.9	14.9	22.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#44

Trichloroethene

Concen: 54.614 ug/l

RT: 9.022 min Scan# 1264

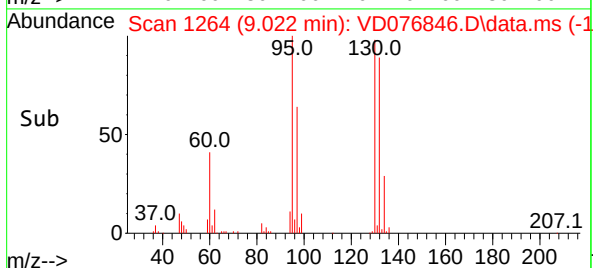
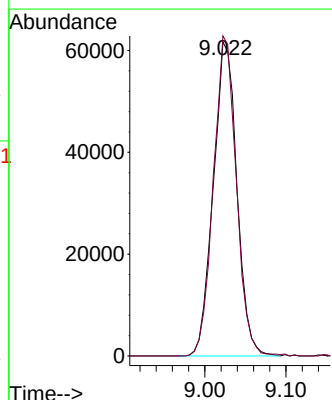
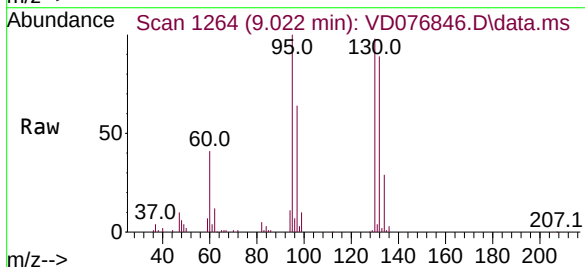
Delta R.T. -0.006 min

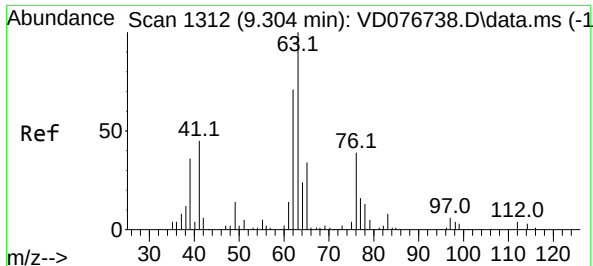
Lab File: VD076846.D

Acq: 28 Jul 2023 10:36

Tgt Ion:130 Resp: 124572

Ion	Ratio	Lower	Upper
130	100		
95	101.9	0.0	179.2





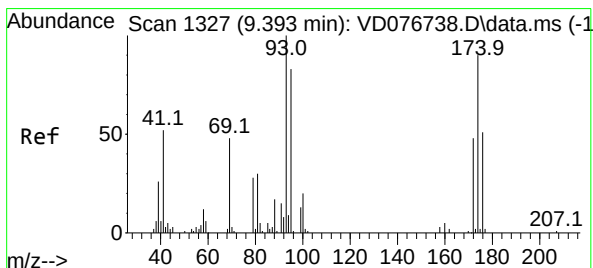
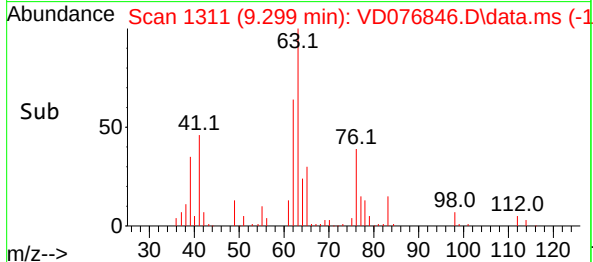
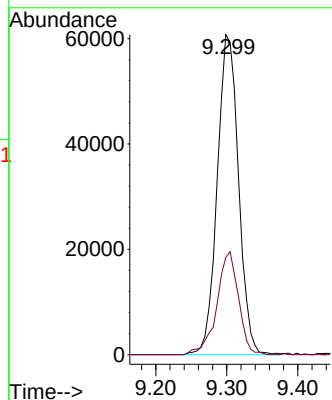
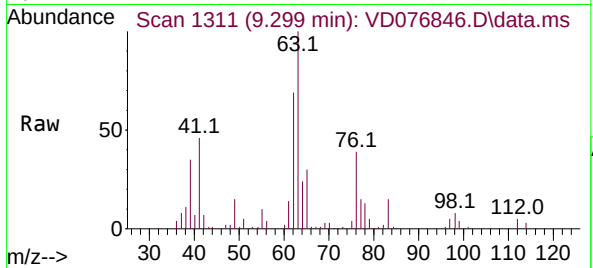
#45
1,2-Dichloropropane
Concen: 58.504 ug/l
RT: 9.299 min Scan# 11
Delta R.T. -0.005 min
Lab File: VD076846.D
Acq: 28 Jul 2023 10:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 126408
Ion Ratio Lower Upper
63 100
65 30.4 24.5 36.7

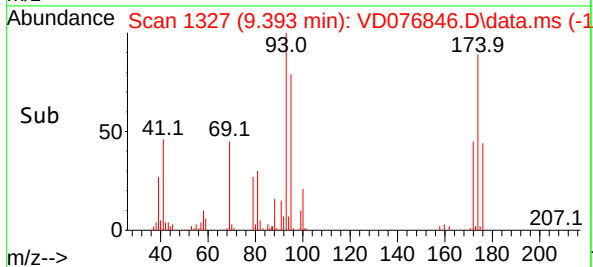
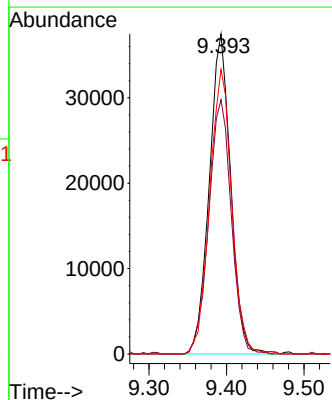
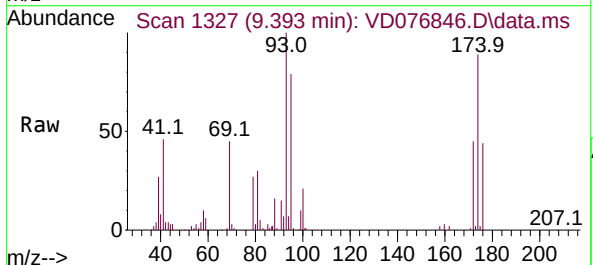
Manual Integrations
APPROVED

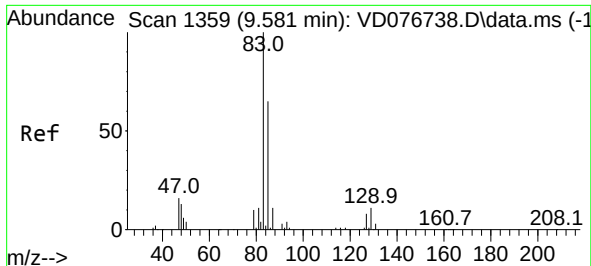
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#46
Dibromomethane
Concen: 56.882 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. -0.000 min
Lab File: VD076846.D
Acq: 28 Jul 2023 10:36

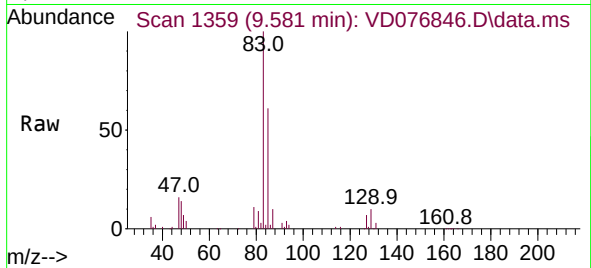
Tgt Ion: 93 Resp: 71941
Ion Ratio Lower Upper
93 100
95 83.3 67.7 101.5
174 91.6 85.4 128.2





#47
Bromodichloromethane
Concen: 57.647 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VD076846.D
Acq: 28 Jul 2023 10:36

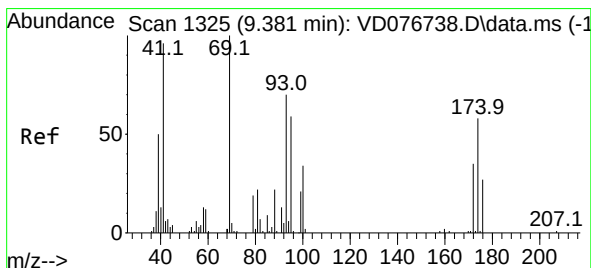
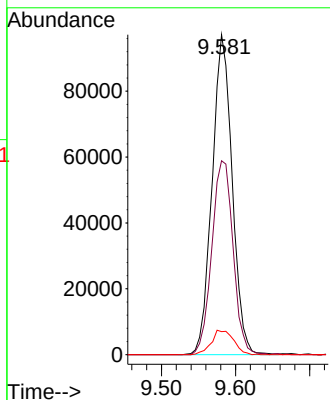
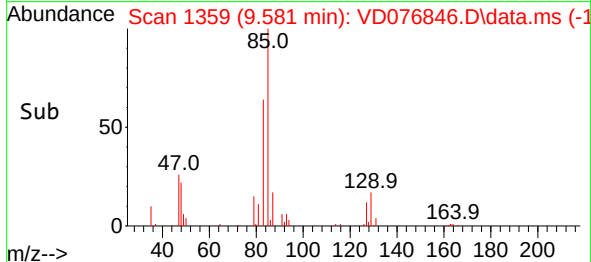
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



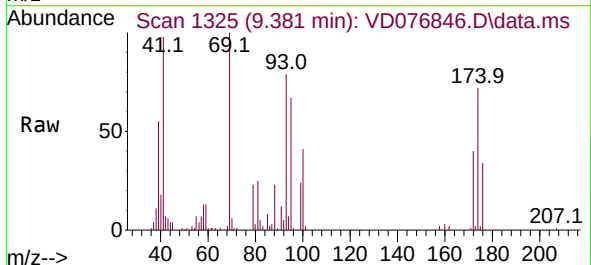
Tgt Ion: 83 Resp: 18296
Ion Ratio Lower Upper
83 100
85 60.6 50.2 75.4
127 7.2 6.3 9.5

Manual Integrations
APPROVED

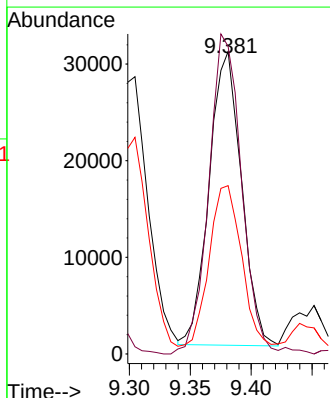
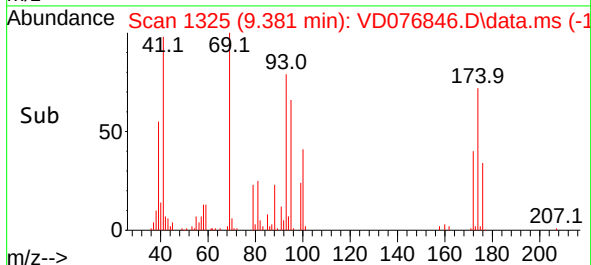
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

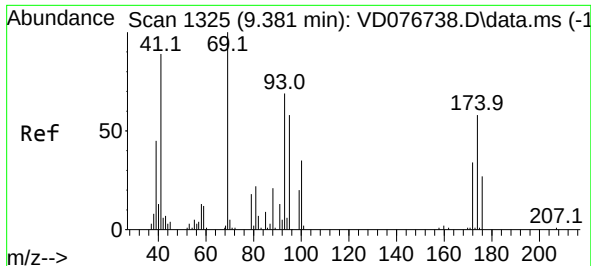


#48
Methyl methacrylate
Concen: 53.008 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD076846.D
Acq: 28 Jul 2023 10:36



Tgt Ion: 41 Resp: 55859
Ion Ratio Lower Upper
41 100
69 110.1 102.2 153.2
39 60.7 41.4 62.2





#49

1,4-Dioxane

Concen: 1000.926 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD076846.D

Acq: 28 Jul 2023 10:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

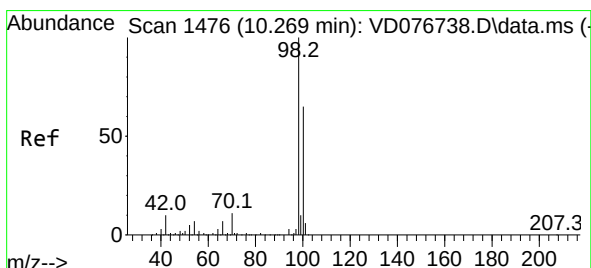
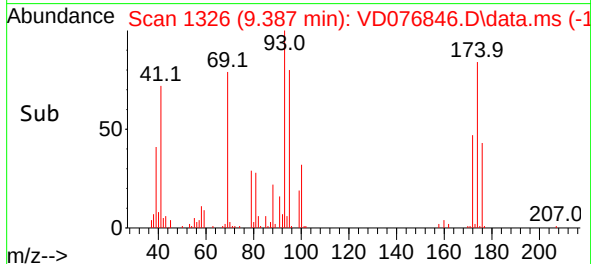
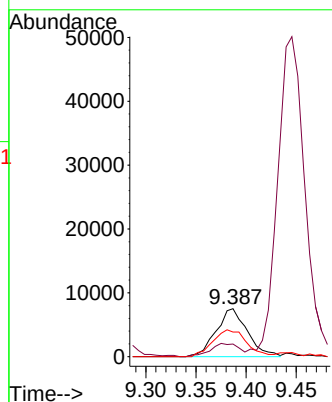
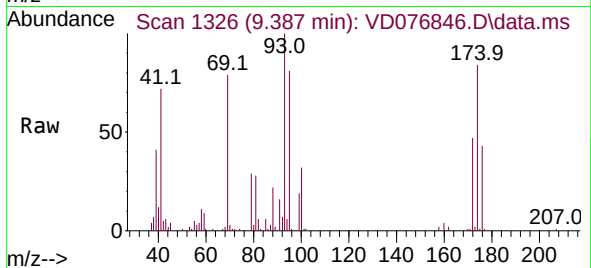
Tgt Ion:	88	Resp:	16219
Ion Ratio	Lower	Upper	
88	100		
43	25.4	19.0	28.6
58	60.9	43.5	65.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#50

Toluene-d8

Concen: 46.208 ug/l

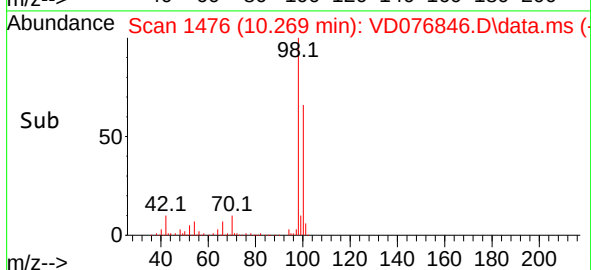
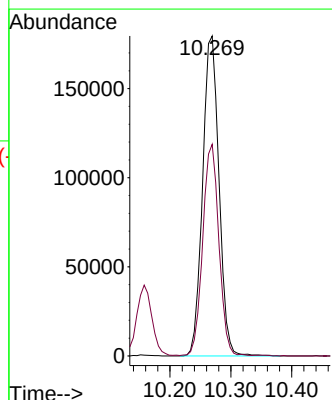
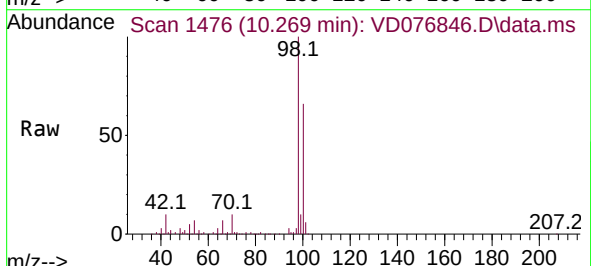
RT: 10.269 min Scan# 1476

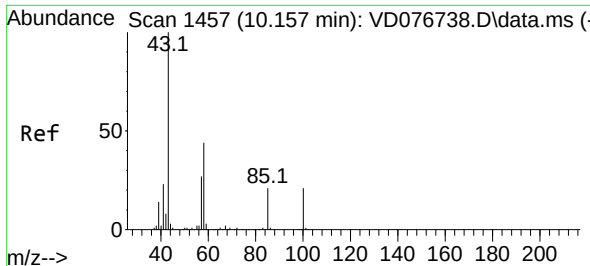
Delta R.T. 0.000 min

Lab File: VD076846.D

Acq: 28 Jul 2023 10:36

Tgt Ion:	98	Resp:	335588
Ion Ratio	Lower	Upper	
98	100		
100	65.0	50.3	75.5





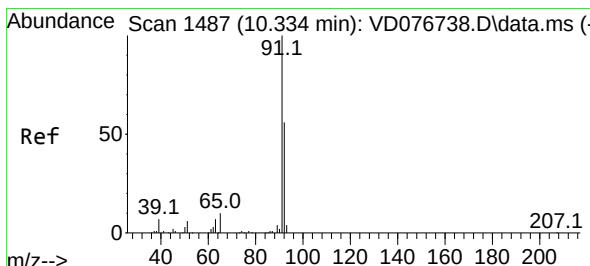
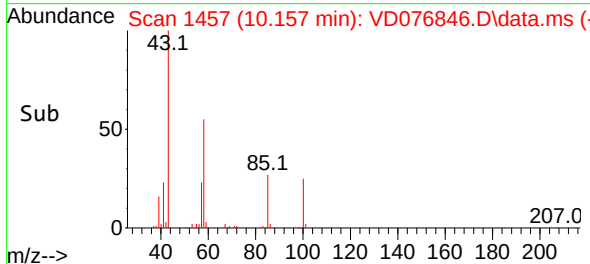
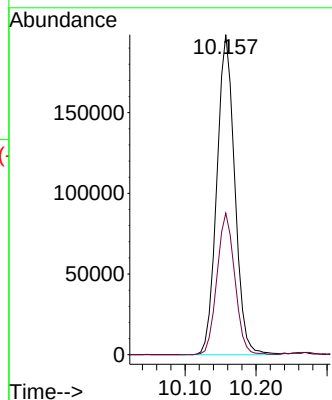
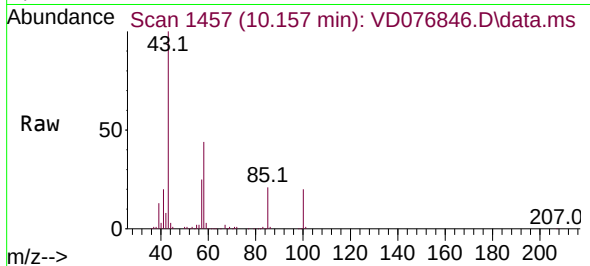
#51
4-Methyl-2-Pentanone
Concen: 280.704 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076846.D
Acq: 28 Jul 2023 10:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 34604
Ion Ratio Lower Upper
43 100
58 44.1 38.9 58.3

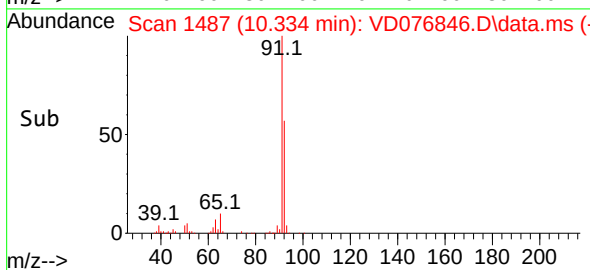
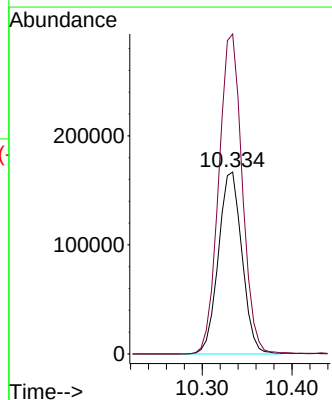
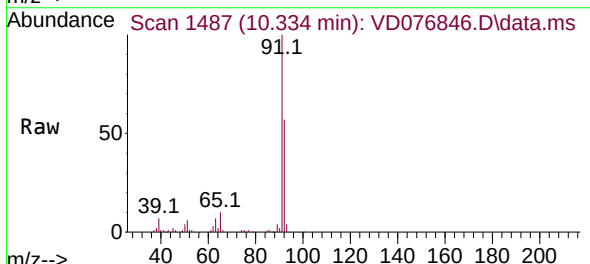
Manual Integrations
APPROVED

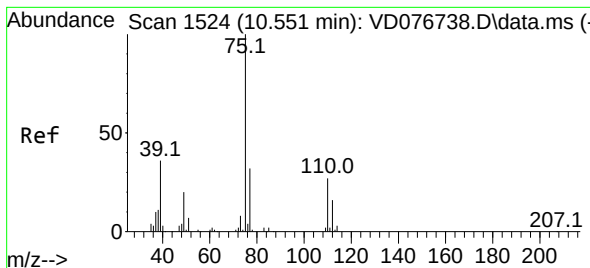
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#52
Toluene
Concen: 55.346 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076846.D
Acq: 28 Jul 2023 10:36

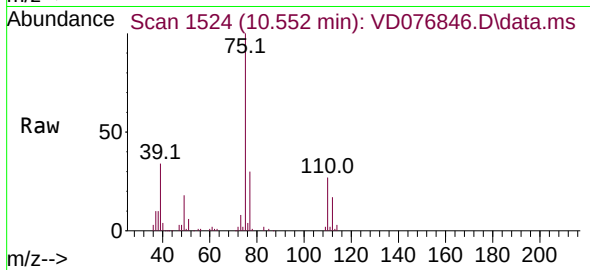
Tgt Ion: 92 Resp: 304266
Ion Ratio Lower Upper
92 100
91 175.6 143.0 214.4





#53
t-1,3-Dichloropropene
Concen: 57.830 ug/l
RT: 10.552 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD076846.D
Acq: 28 Jul 2023 10:36

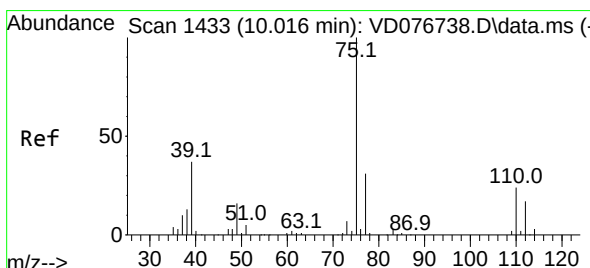
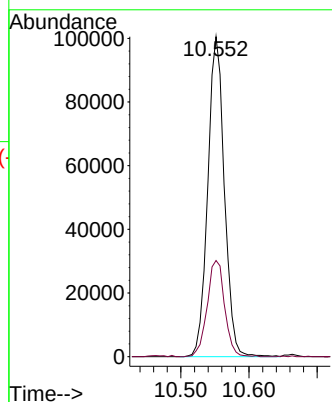
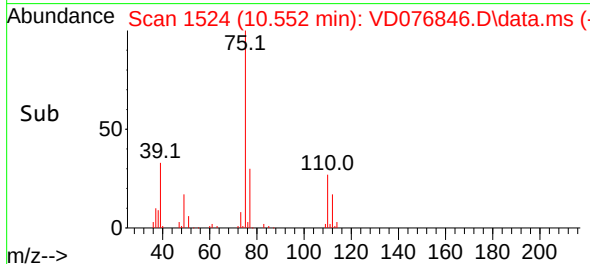
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 170362
Ion Ratio Lower Upper
75 100
77 30.0 25.3 37.9

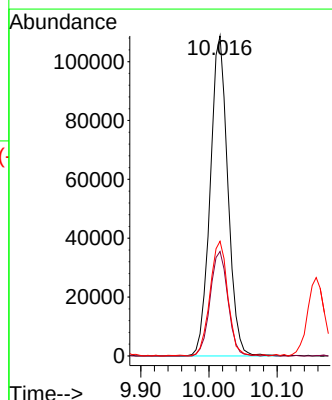
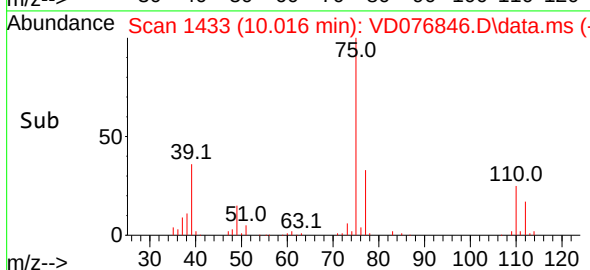
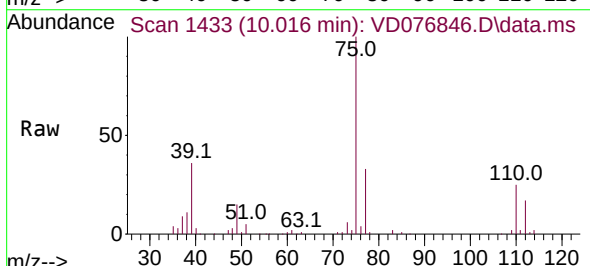
Manual Integrations
APPROVED

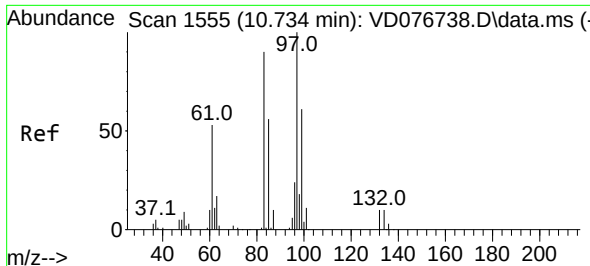
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#54
cis-1,3-Dichloropropene
Concen: 56.372 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD076846.D
Acq: 28 Jul 2023 10:36

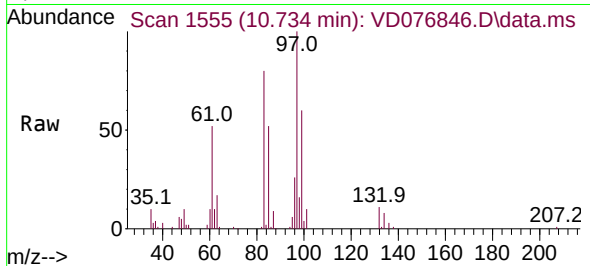
Tgt Ion: 75 Resp: 195717
Ion Ratio Lower Upper
75 100
77 32.7 25.5 38.3
39 35.7 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 57.272 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076846.D
Acq: 28 Jul 2023 10:36

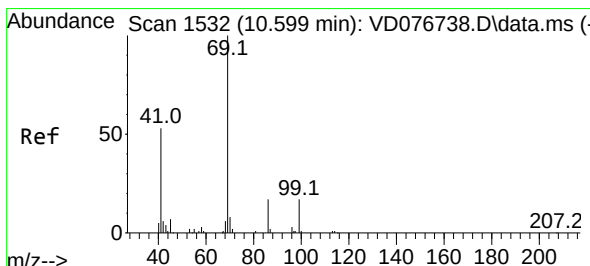
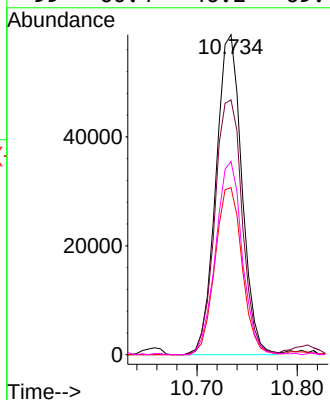
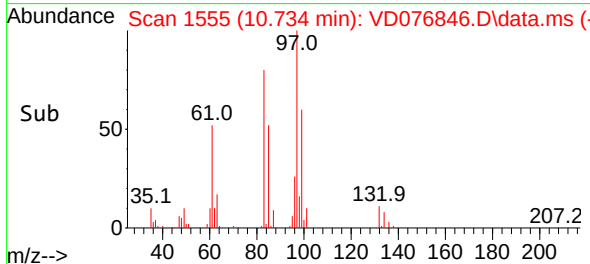
Instrument : MSVOA_D
ClientSampleId : VSTDCCC050



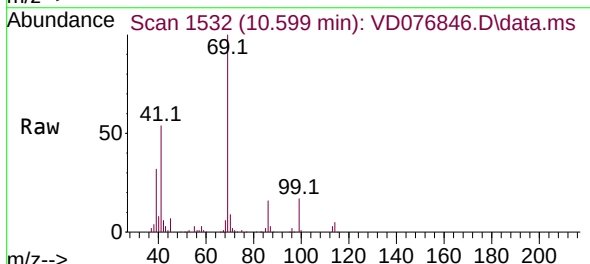
Tgt Ion	Ratio	Lower	Upper
97	100		
83	79.7	65.8	98.6
85	52.2	45.7	68.5
99	60.4	46.2	69.4

Manual Integrations
APPROVED

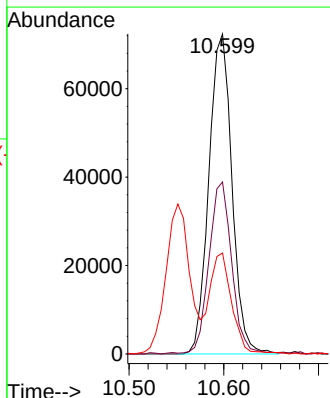
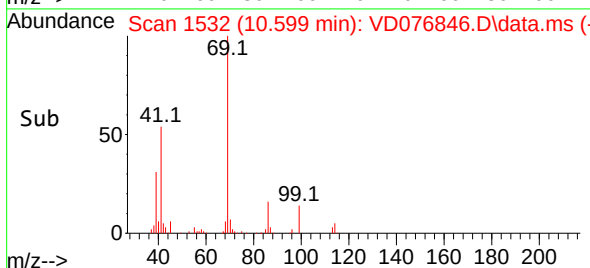
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

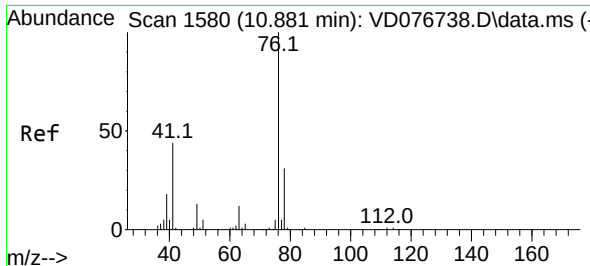


#56
Ethyl methacrylate
Concen: 57.533 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD076846.D
Acq: 28 Jul 2023 10:36



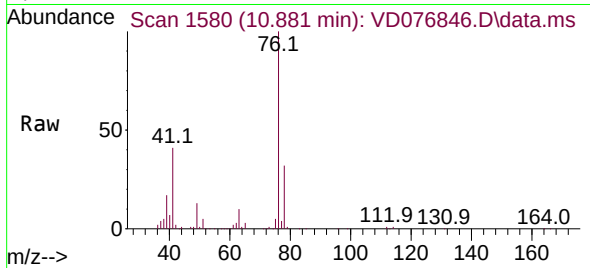
Tgt Ion	Ratio	Lower	Upper
69	100		
41	53.3	39.1	58.7
39	30.5	20.0	30.0#





#57
1,3-Dichloropropane
Concen: 56.690 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VD076846.D
Acq: 28 Jul 2023 10:36

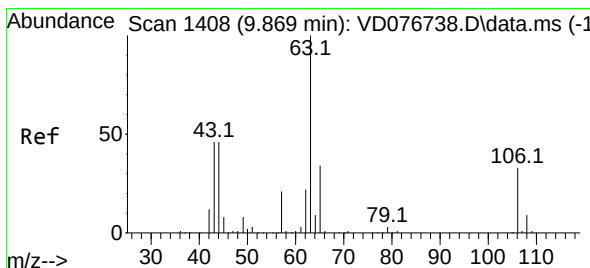
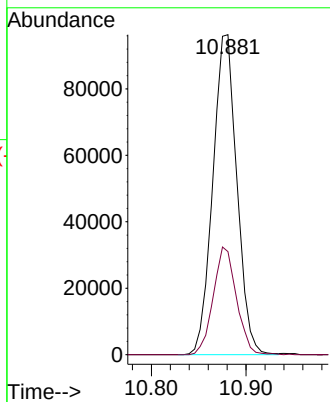
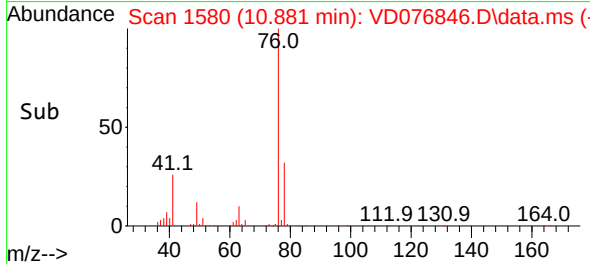
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 17050
Ion Ratio Lower Upper
76 100
78 32.4 26.4 39.6

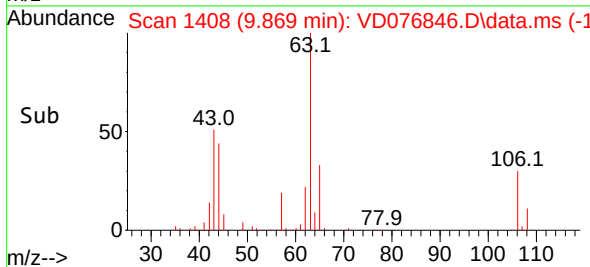
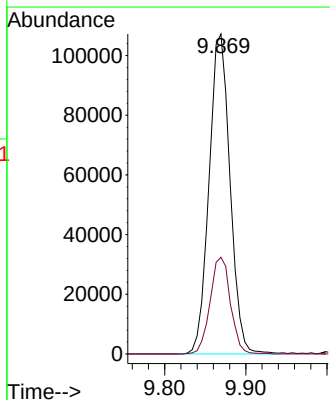
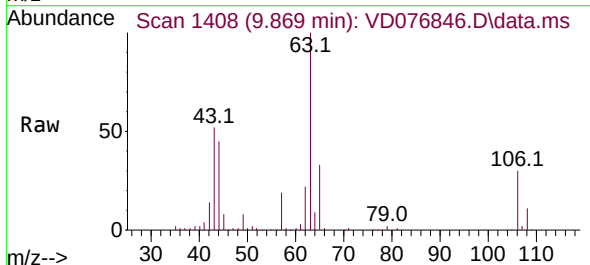
Manual Integrations
APPROVED

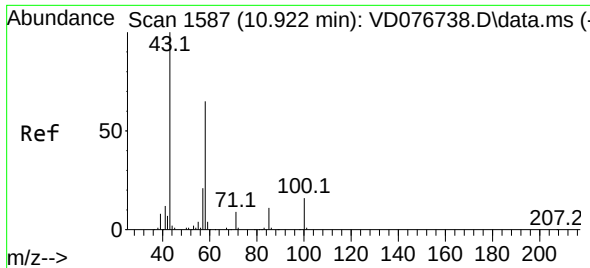
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#58
2-Chloroethyl Vinyl ether
Concen: 233.123 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD076846.D
Acq: 28 Jul 2023 10:36

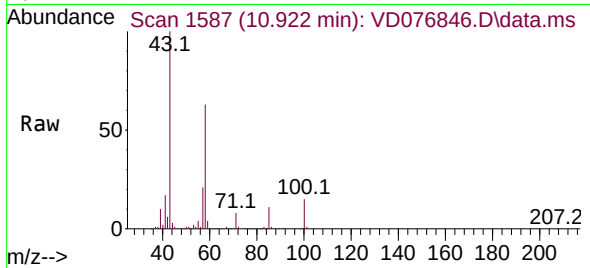
Tgt Ion: 63 Resp: 192351
Ion Ratio Lower Upper
63 100
106 29.4 25.3 37.9





#59
2-Hexanone
Concen: 275.182 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD076846.D
Acq: 28 Jul 2023 10:36

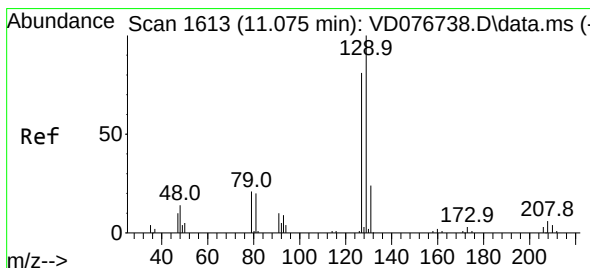
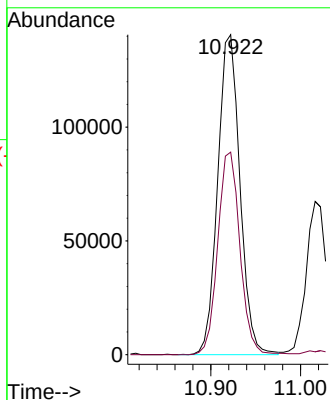
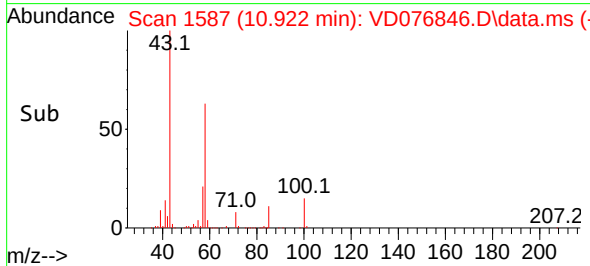
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 24205
Ion Ratio Lower Upper
43 100
58 63.1 34.1 102.2

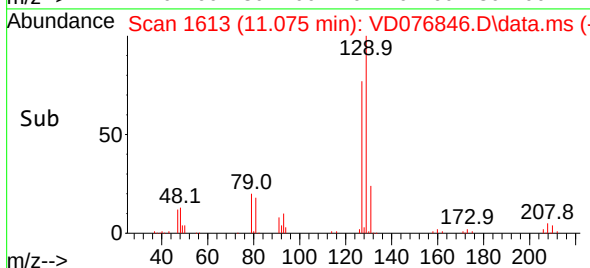
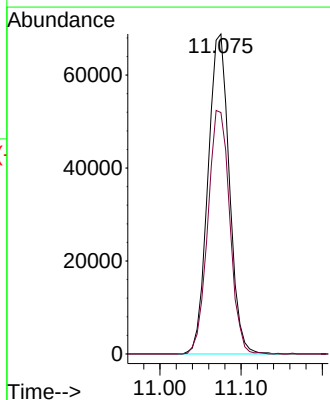
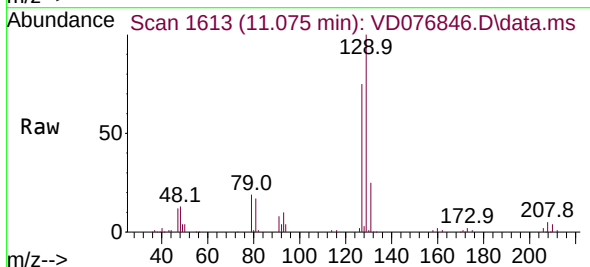
Manual Integrations
APPROVED

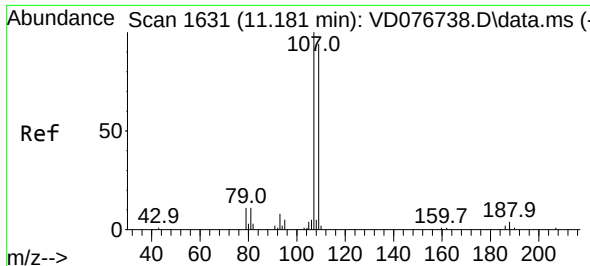
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#60
Dibromochloromethane
Concen: 58.584 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD076846.D
Acq: 28 Jul 2023 10:36

Tgt Ion:129 Resp: 125690
Ion Ratio Lower Upper
129 100
127 78.0 37.1 111.5





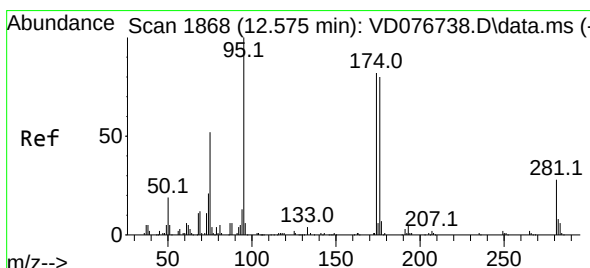
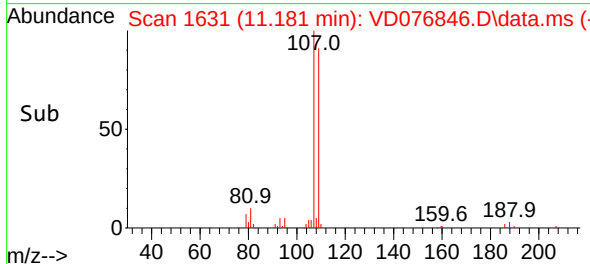
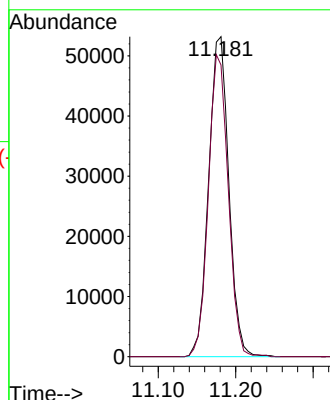
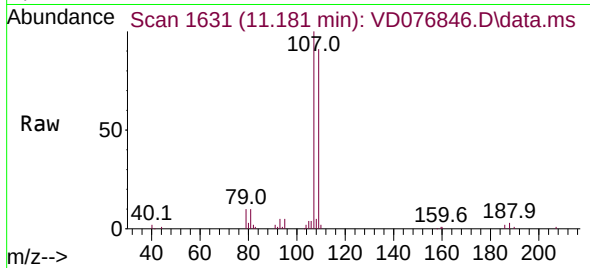
#61
1,2-Dibromoethane
Concen: 56.182 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD076846.D
Acq: 28 Jul 2023 10:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 96197
Ion Ratio Lower Upper
107 100
109 92.8 75.6 113.4

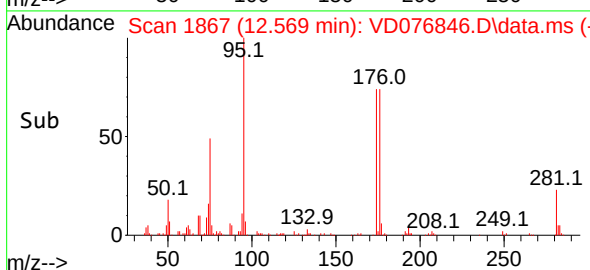
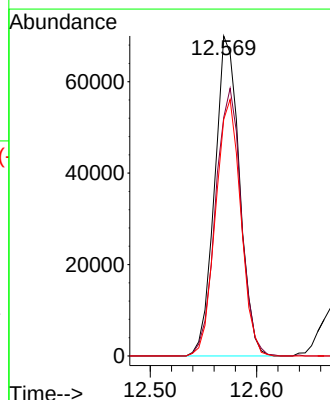
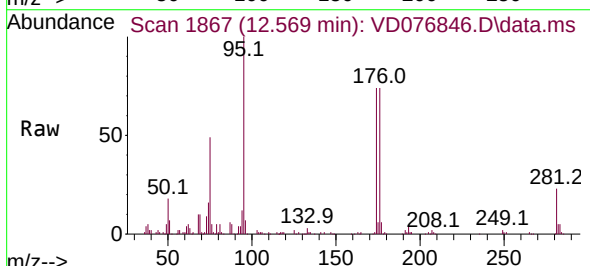
Manual Integrations
APPROVED

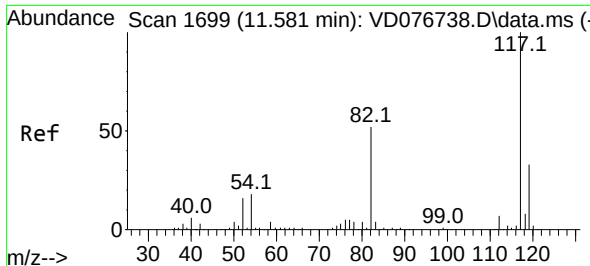
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#62
4-Bromofluorobenzene
Concen: 48.174 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD076846.D
Acq: 28 Jul 2023 10:36

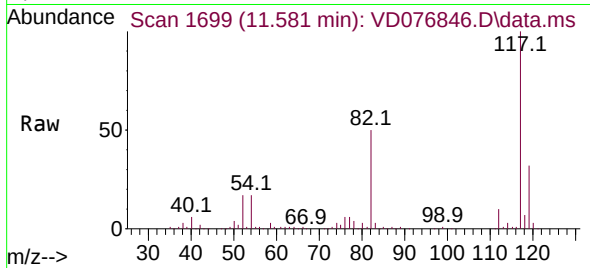
Tgt Ion: 95 Resp: 113183
Ion Ratio Lower Upper
95 100
174 86.1 0.0 201.8
176 81.2 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD076846.D
Acq: 28 Jul 2023 10:36

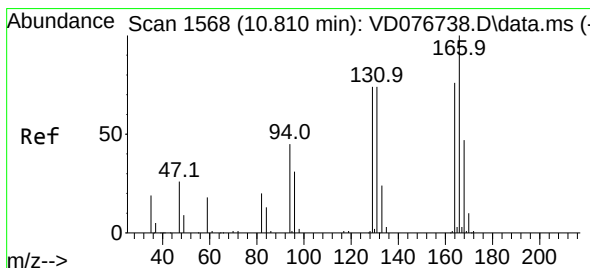
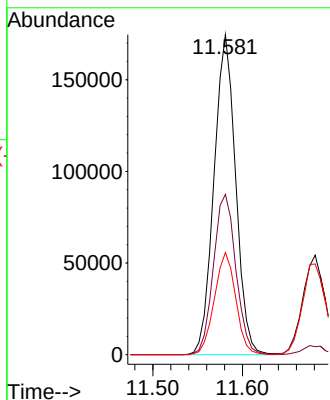
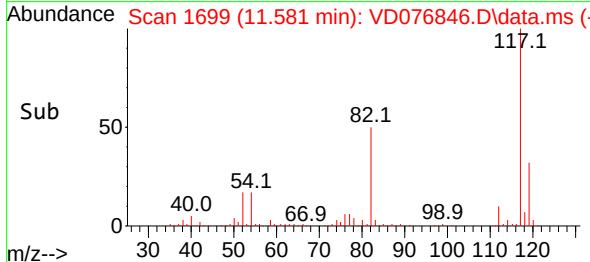
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 293164
Ion Ratio Lower Upper
117 100
82 50.1 38.3 57.5
119 31.9 25.0 37.4

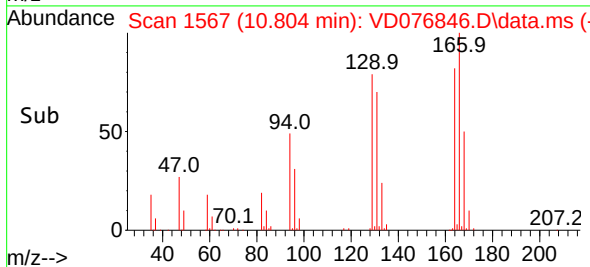
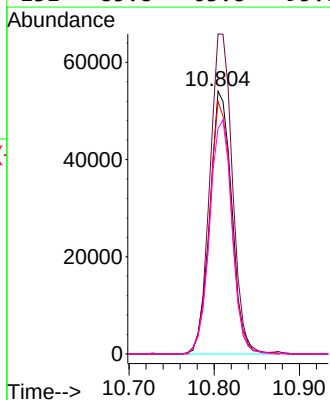
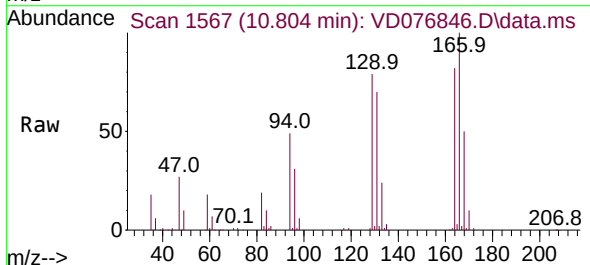
Manual Integrations
APPROVED

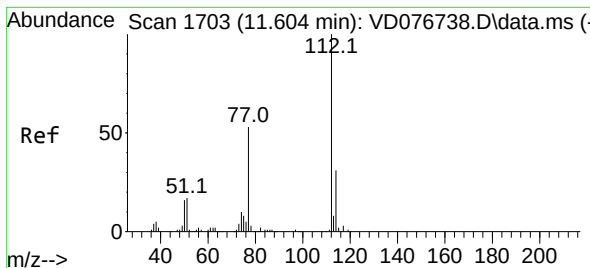
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#64
Tetrachloroethene
Concen: 58.160 ug/l
RT: 10.804 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VD076846.D
Acq: 28 Jul 2023 10:36

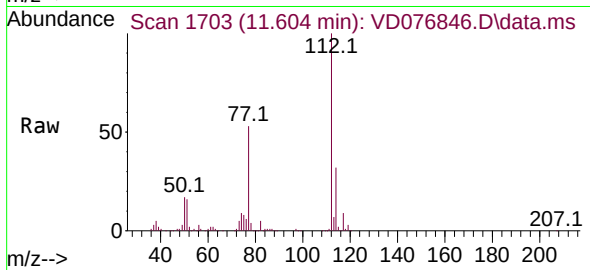
Tgt Ion:164 Resp: 97225
Ion Ratio Lower Upper
164 100
166 121.8 99.2 148.8
129 96.1 68.4 102.6
131 85.8 63.8 95.8





#65
Chlorobenzene
Concen: 57.306 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD076846.D
Acq: 28 Jul 2023 10:36

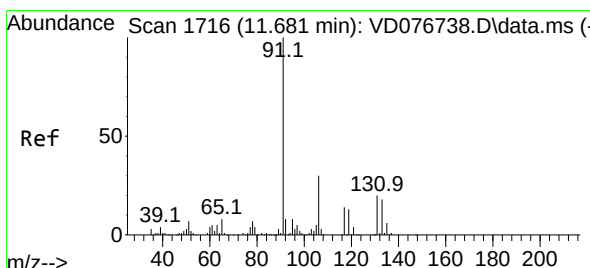
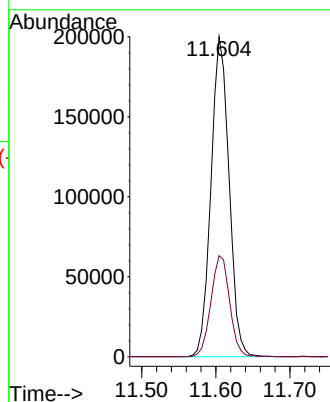
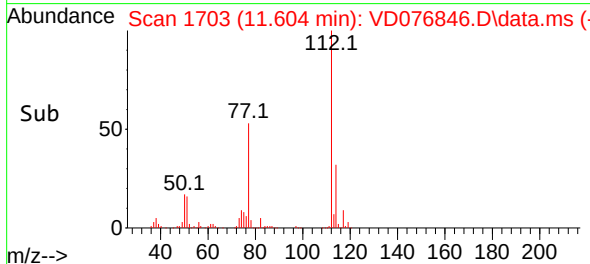
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



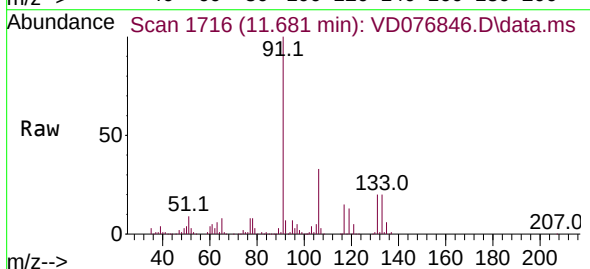
Tgt Ion:112 Resp: 337880
Ion Ratio Lower Upper
112 100
114 31.6 25.1 37.7

Manual Integrations
APPROVED

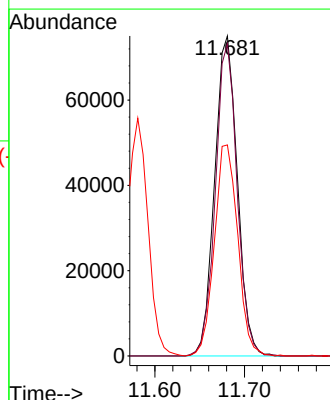
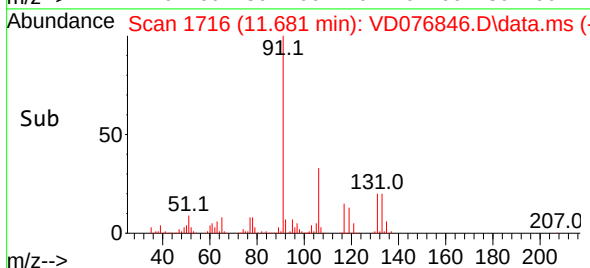
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

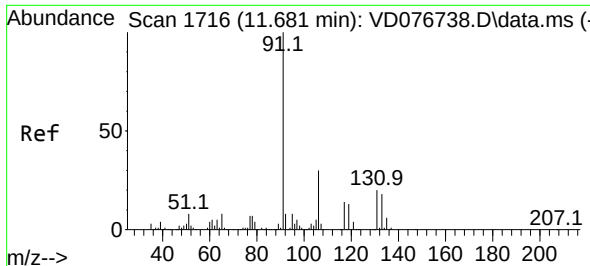


#66
1,1,1,2-Tetrachloroethane
Concen: 59.963 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076846.D
Acq: 28 Jul 2023 10:36



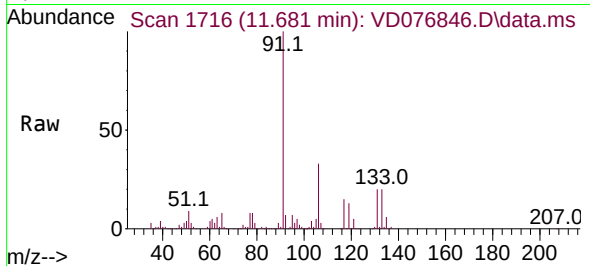
Tgt Ion:131 Resp: 131629
Ion Ratio Lower Upper
131 100
133 93.8 48.5 145.5
119 68.1 35.6 106.9





#67
Ethyl Benzene
Concen: 57.751 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076846.D
Acq: 28 Jul 2023 10:36

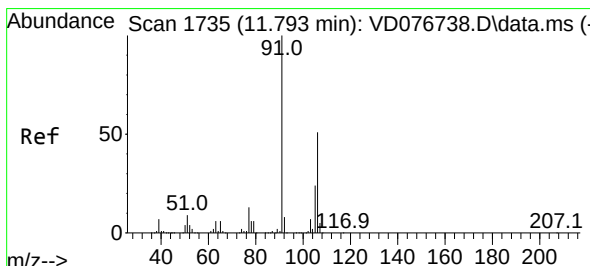
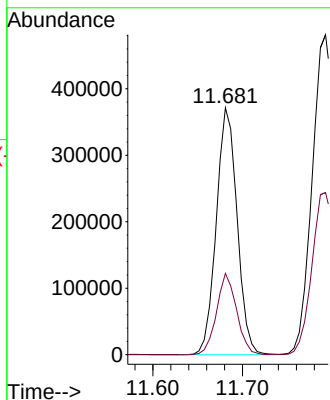
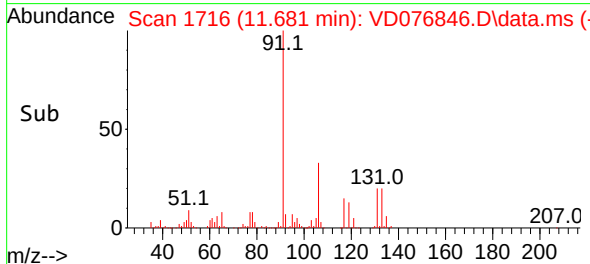
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



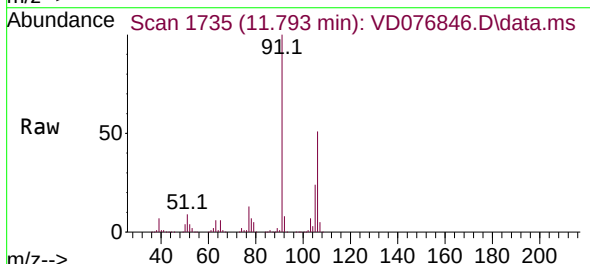
Tgt Ion: 91 Resp: 597999
Ion Ratio Lower Upper
91 100
106 32.9 26.5 39.7

Manual Integrations
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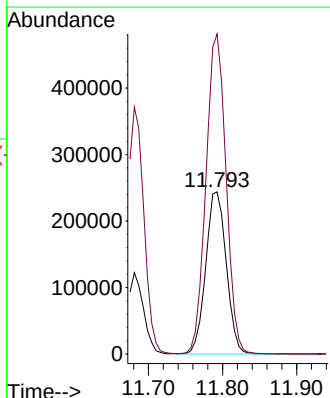
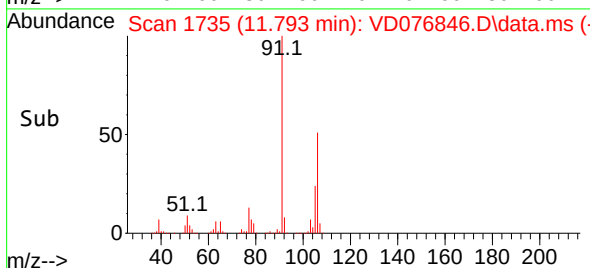
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

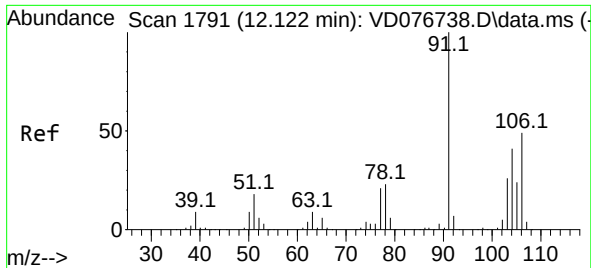


#68
m/p-Xylenes
Concen: 117.945 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD076846.D
Acq: 28 Jul 2023 10:36



Tgt Ion:106 Resp: 469050
Ion Ratio Lower Upper
106 100
91 193.5 147.0 220.6





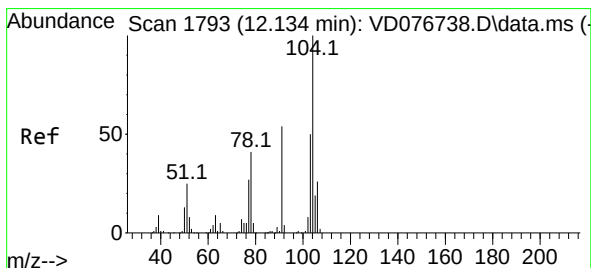
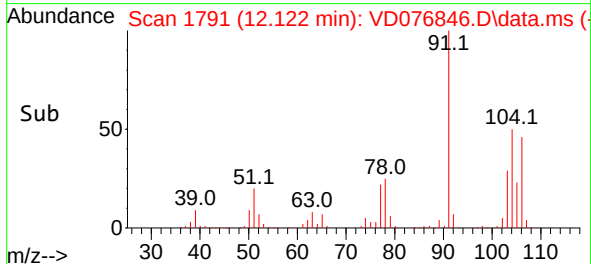
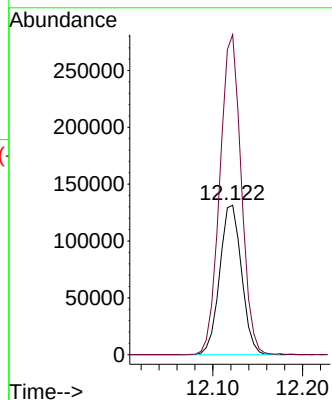
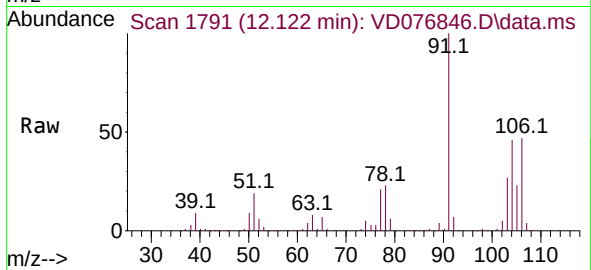
#69
o-Xylene
Concen: 57.790 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD076846.D
Acq: 28 Jul 2023 10:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 22224
Ion Ratio Lower Upper
106 100
91 209.9 97.9 293.6

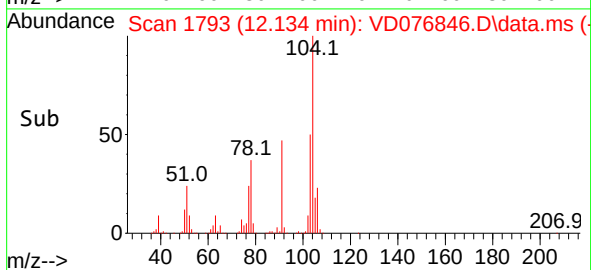
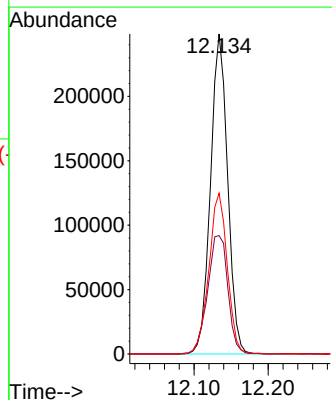
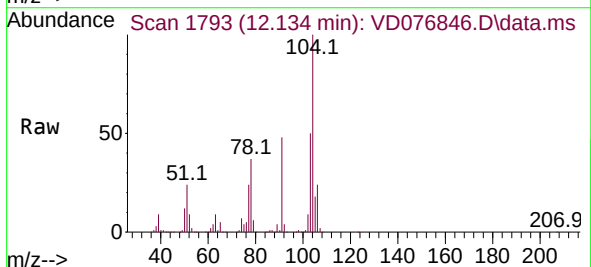
Manual Integrations
APPROVED

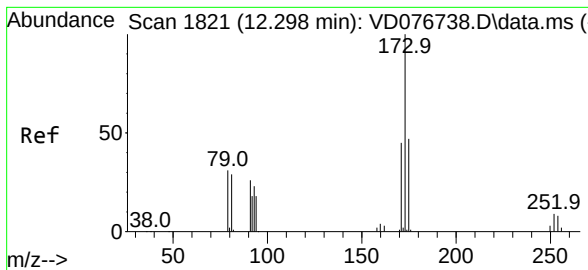
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#70
Styrene
Concen: 59.223 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD076846.D
Acq: 28 Jul 2023 10:36

Tgt Ion:104 Resp: 398692
Ion Ratio Lower Upper
104 100
78 43.8 33.2 49.8
103 54.1 43.6 65.4





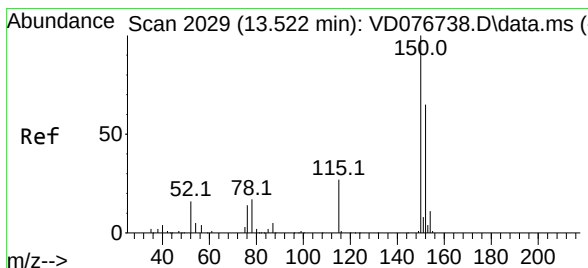
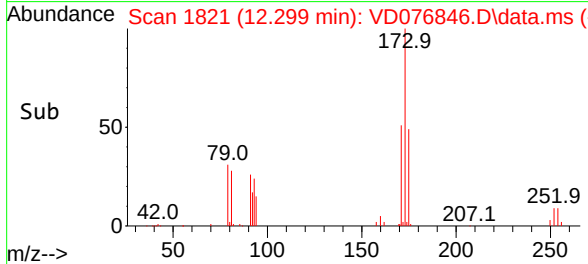
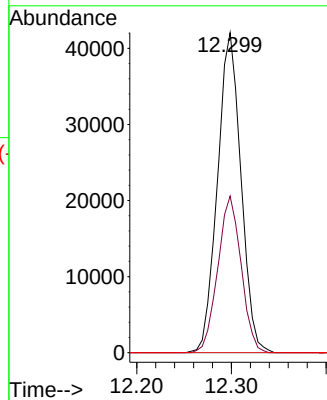
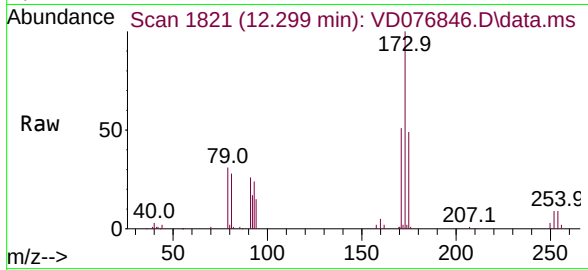
#71
Bromoform
Concen: 60.260 ug/l
RT: 12.299 min Scan# 1821
Delta R.T. 0.001 min
Lab File: VD076846.D
Acq: 28 Jul 2023 10:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 72448
Ion Ratio Lower Upper
173 100
175 48.6 24.6 73.8
254 0.0 0.0 0.0

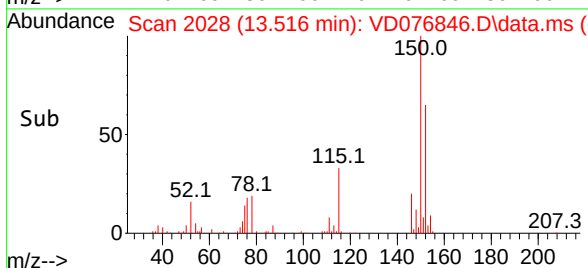
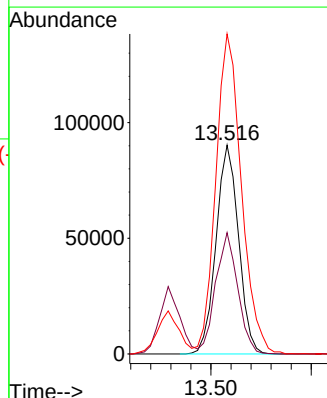
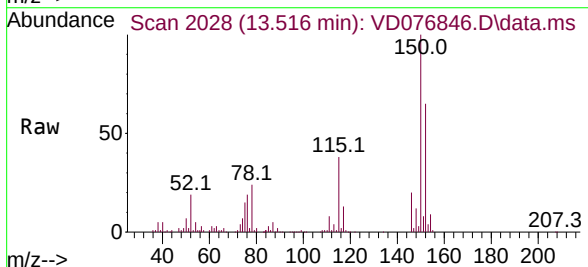
Manual Integrations
APPROVED

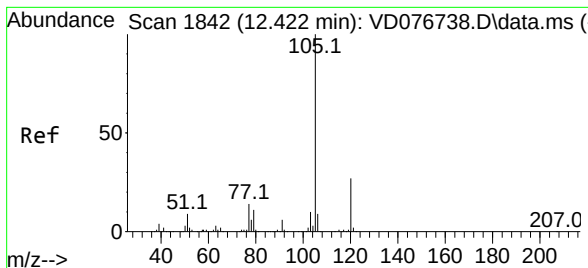
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076846.D
Acq: 28 Jul 2023 10:36

Tgt Ion:152 Resp: 140545
Ion Ratio Lower Upper
152 100
115 57.1 27.1 81.3
150 174.6 0.0 353.6





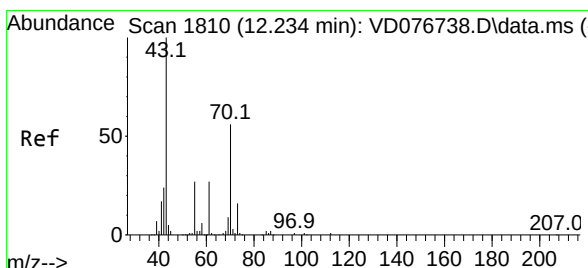
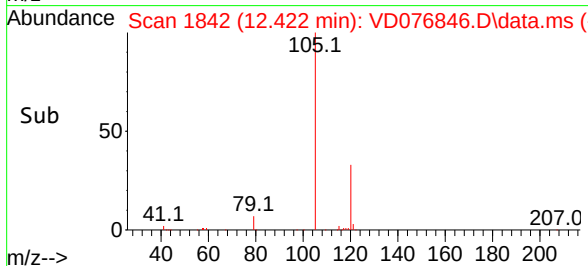
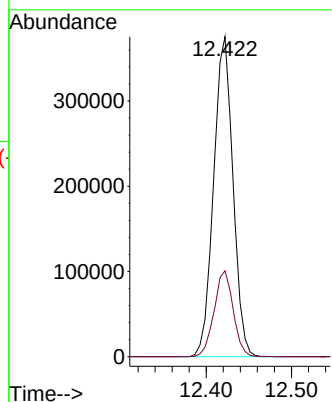
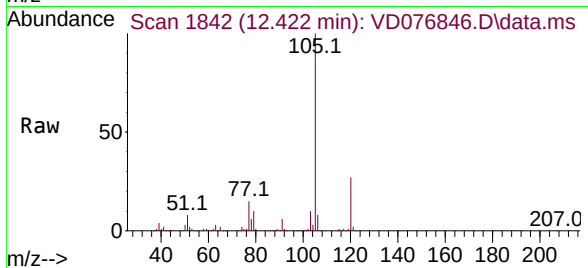
#73
Isopropylbenzene
Concen: 57.949 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD076846.D
Acq: 28 Jul 2023 10:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 590890
Ion Ratio Lower Upper
105 100
120 26.5 14.3 42.9

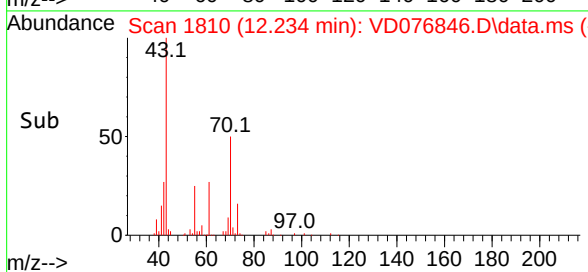
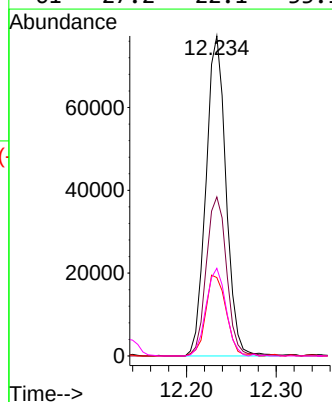
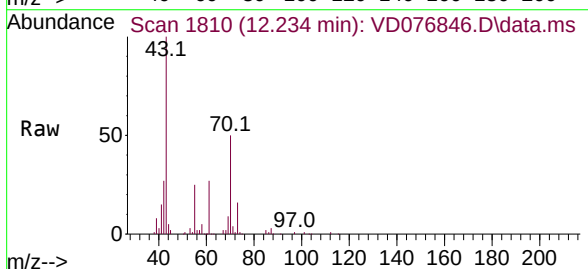
Manual Integrations
APPROVED

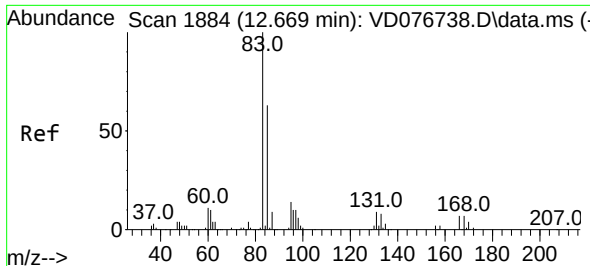
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#74
N-ethyl acetate
Concen: 55.809 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD076846.D
Acq: 28 Jul 2023 10:36

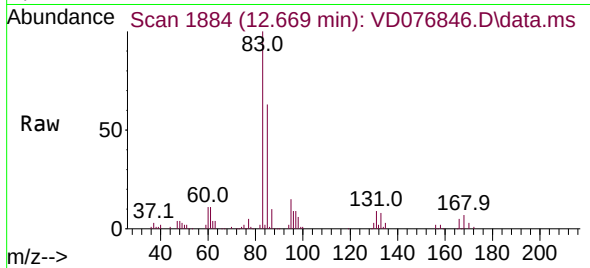
Tgt Ion: 43 Resp: 119887
Ion Ratio Lower Upper
43 100
70 50.7 45.0 67.4
55 25.8 23.8 35.6
61 27.2 22.1 33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 55.476 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD076846.D
Acq: 28 Jul 2023 10:36

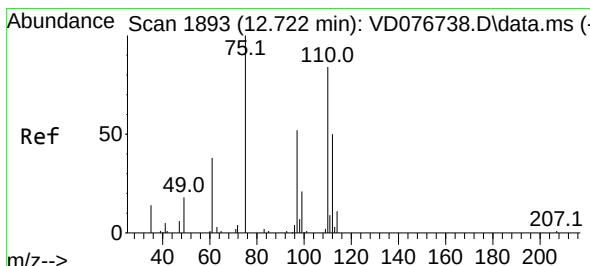
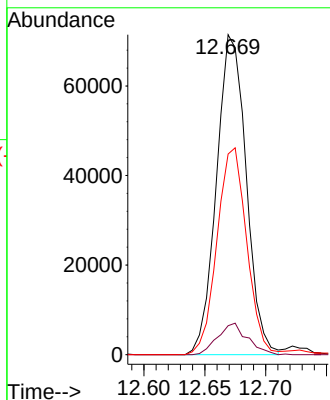
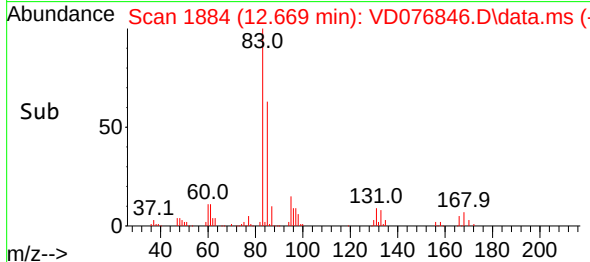
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



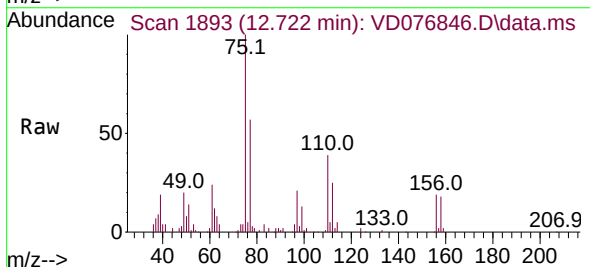
Tgt Ion: 83 Resp: 121458
Ion Ratio Lower Upper
83 100
131 9.9 5.1 15.3
85 64.5 32.6 97.8

Manual Integrations
APPROVED

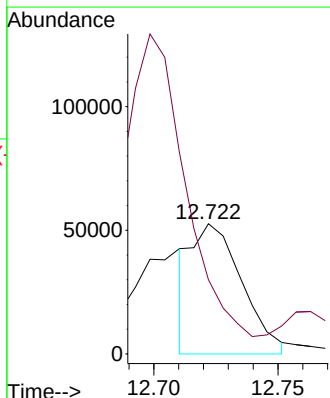
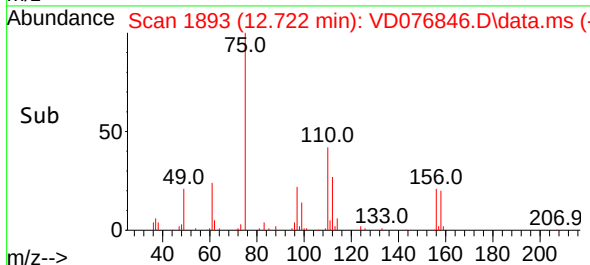
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

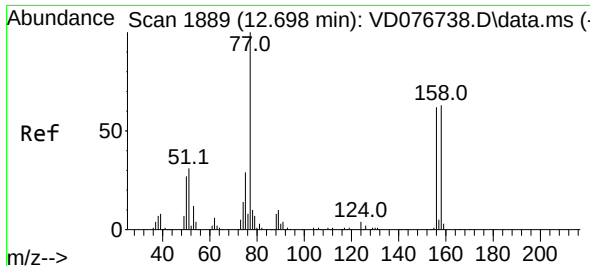


#76
1,2,3-Trichloropropane
Concen: 55.420 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD076846.D
Acq: 28 Jul 2023 10:36



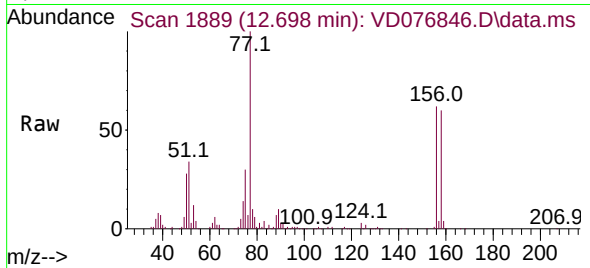
Tgt Ion: 75 Resp: 74073
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 57.149 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD076846.D
Acq: 28 Jul 2023 10:36

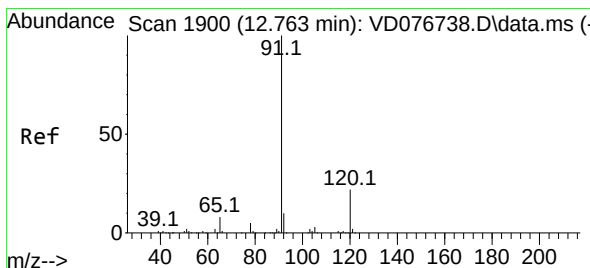
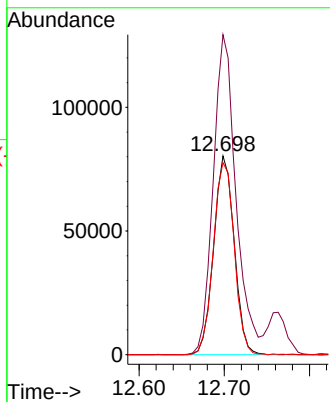
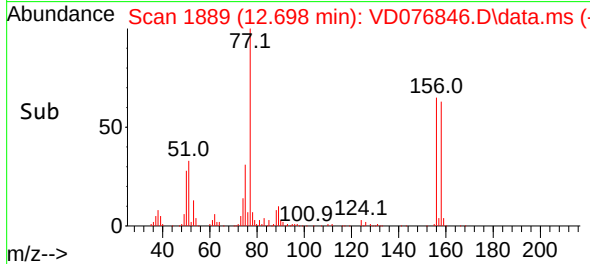
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 134509
Ion Ratio Lower Upper
156 100
77 177.7 76.8 230.4
158 98.4 48.6 145.9

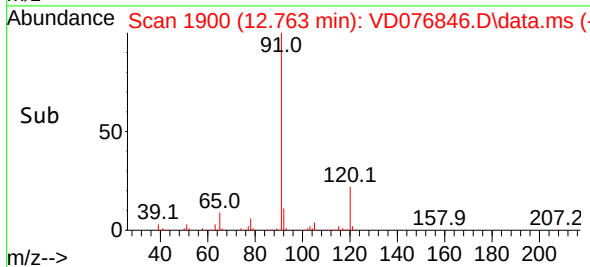
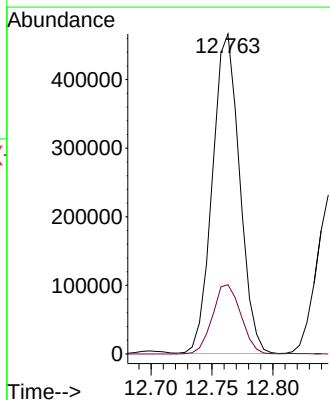
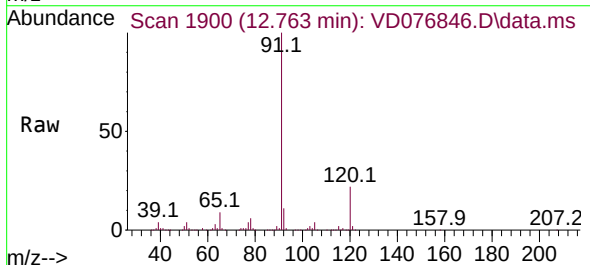
Manual Integrations
APPROVED

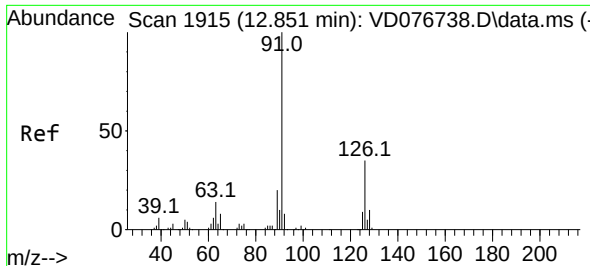
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#78
n-propylbenzene
Concen: 58.507 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD076846.D
Acq: 28 Jul 2023 10:36

Tgt Ion: 91 Resp: 723253
Ion Ratio Lower Upper
91 100
120 22.7 12.4 37.2





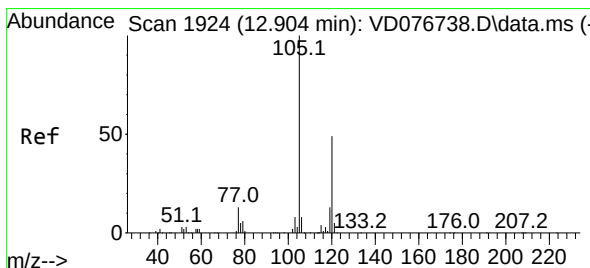
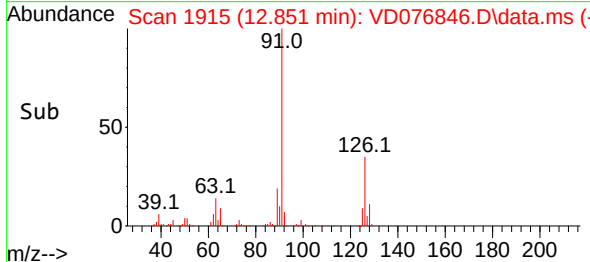
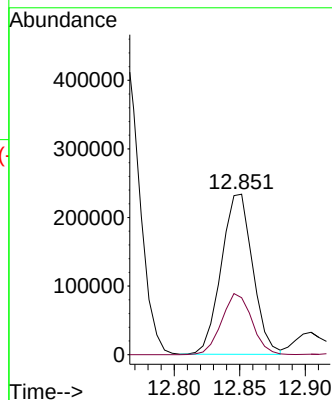
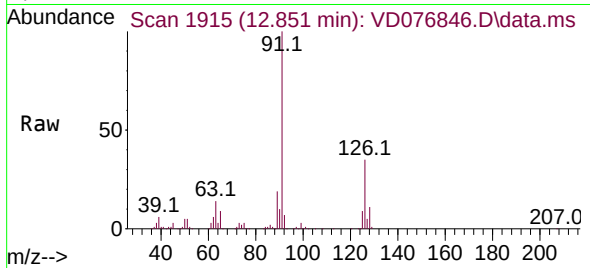
#79
2-Chlorotoluene
Concen: 57.503 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD076846.D
Acq: 28 Jul 2023 10:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 38976
Ion Ratio Lower Upper
91 100
126 36.7 19.4 58.1

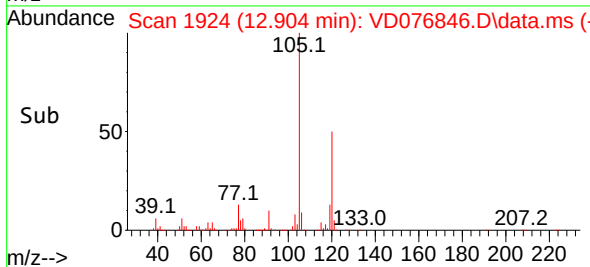
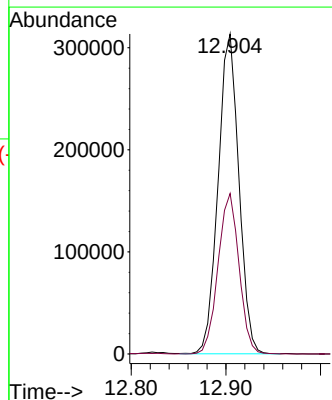
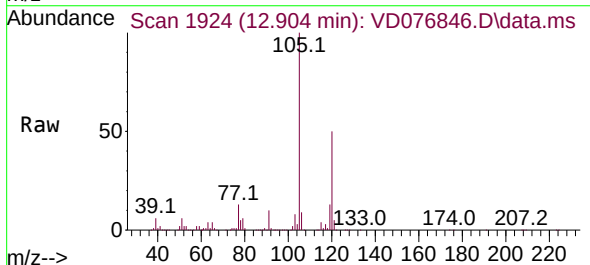
Manual Integrations
APPROVED

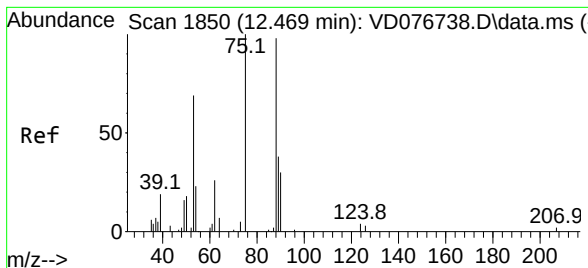
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#80
1,3,5-Trimethylbenzene
Concen: 57.922 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076846.D
Acq: 28 Jul 2023 10:36

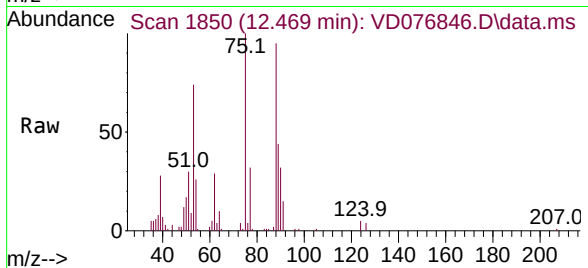
Tgt Ion:105 Resp: 477574
Ion Ratio Lower Upper
105 100
120 50.7 26.4 79.2





#81
trans-1,4-Dichloro-2-butene
Concen: 59.470 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD076846.D
Acq: 28 Jul 2023 10:36

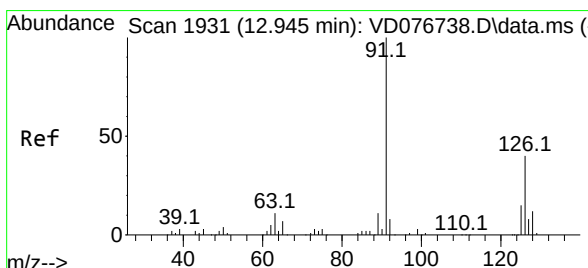
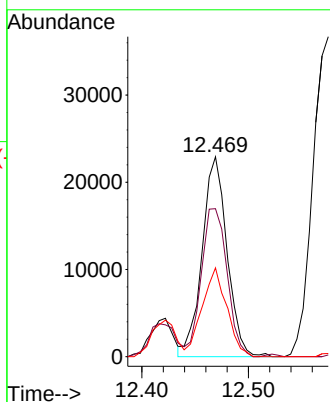
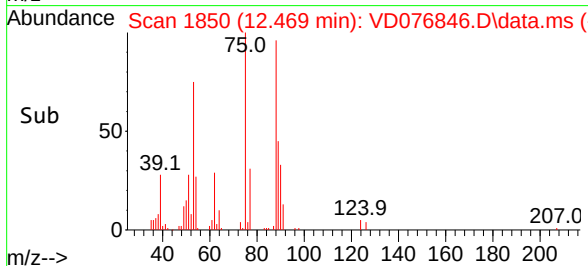
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 37348
Ion Ratio Lower Upper
75 100
53 76.4 63.0 94.4
89 44.0 37.9 56.9

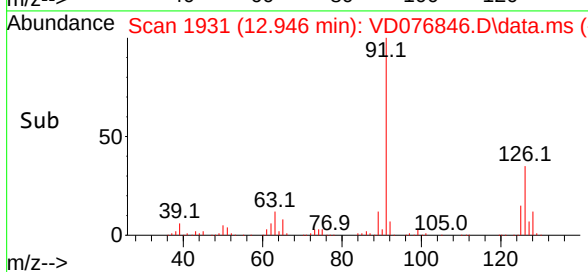
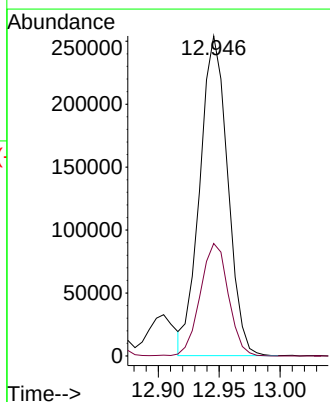
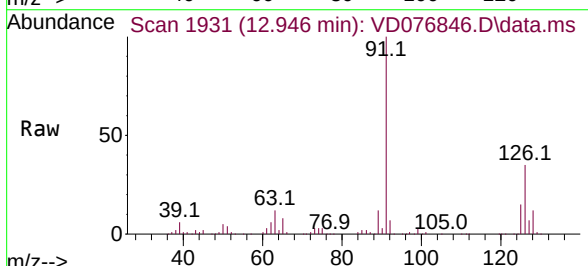
Manual Integrations
APPROVED

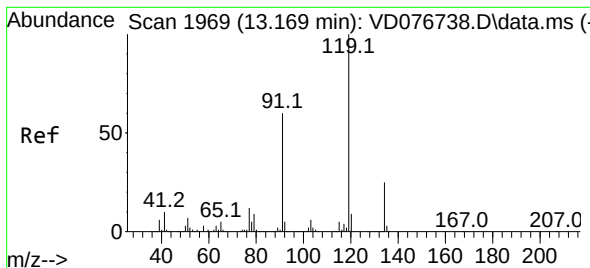
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#82
4-Chlorotoluene
Concen: 57.054 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. 0.001 min
Lab File: VD076846.D
Acq: 28 Jul 2023 10:36

Tgt Ion: 91 Resp: 403996
Ion Ratio Lower Upper
91 100
126 35.6 19.4 58.4





#83

tert-Butylbenzene

Concen: 60.135 ug/l

RT: 13.163 min Scan# 1969

Delta R.T. -0.006 min

Lab File: VD076846.D

Acq: 28 Jul 2023 10:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 43656

Ion Ratio Lower Upper

119 100

91 59.2 29.3 87.8

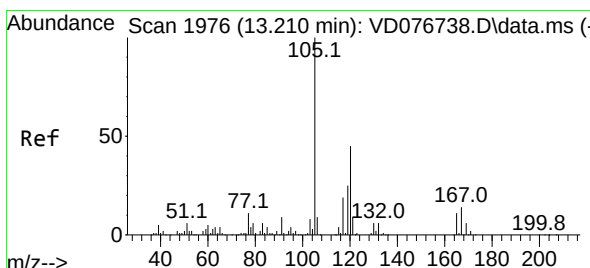
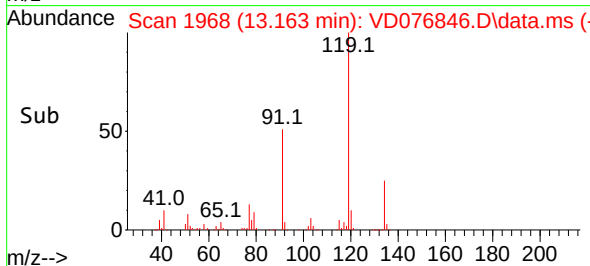
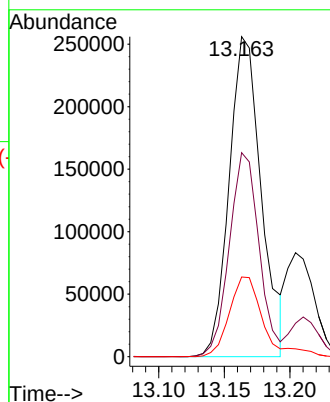
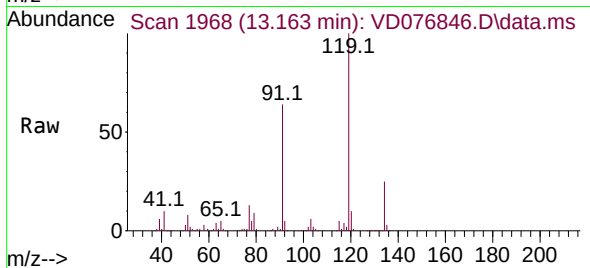
134 26.3 14.1 42.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#84

1,2,4-Trimethylbenzene

Concen: 57.536 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD076846.D

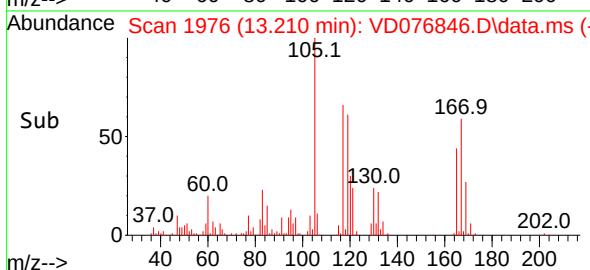
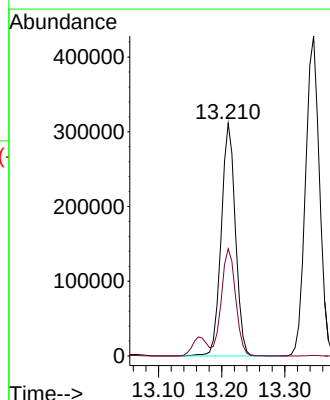
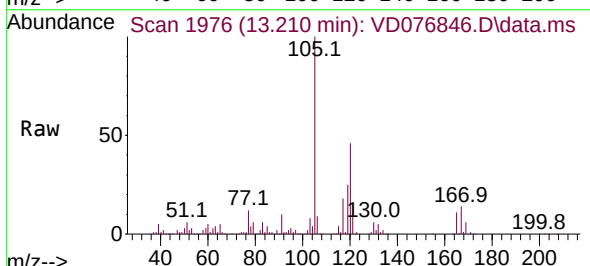
Acq: 28 Jul 2023 10:36

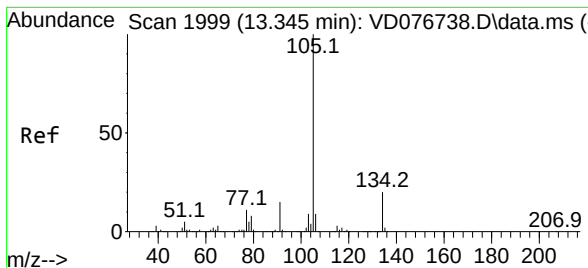
Tgt Ion:105 Resp: 484780

Ion Ratio Lower Upper

105 100

120 46.6 24.3 72.9





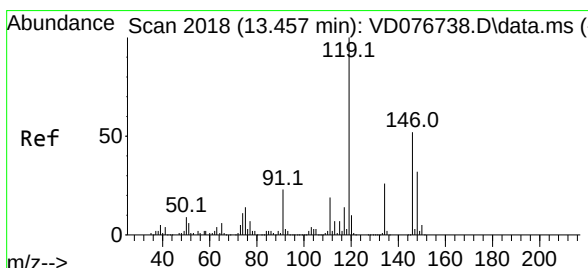
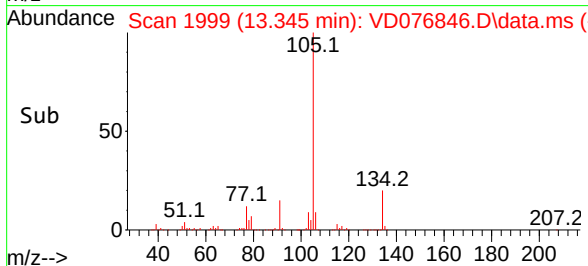
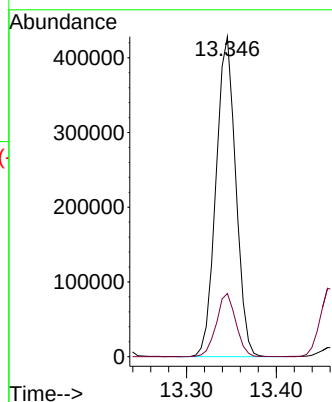
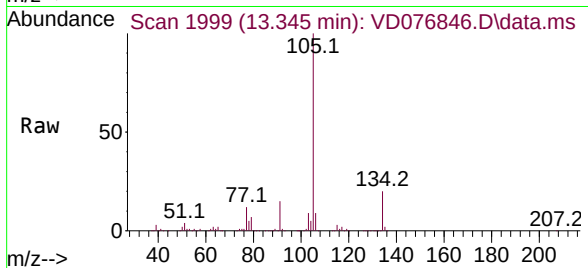
#85
 sec-Butylbenzene
 Concen: 59.083 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD076846.D
 Acq: 28 Jul 2023 10:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 65532
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.9 32.9

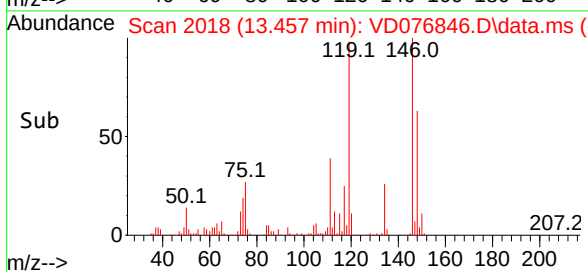
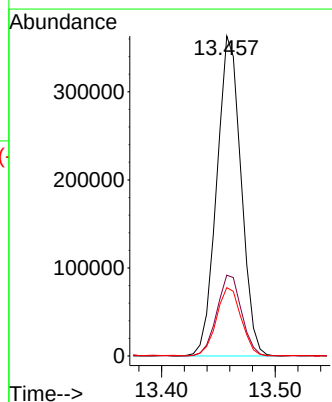
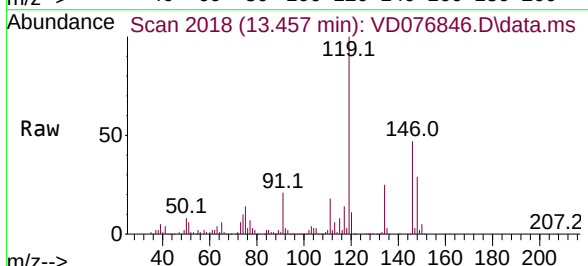
Manual Integrations
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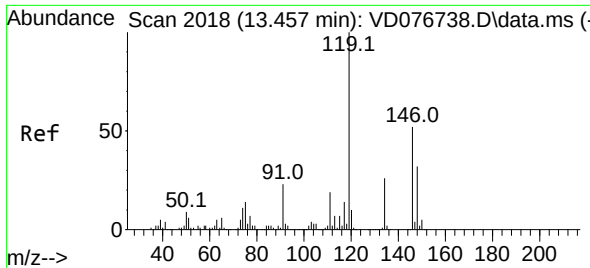
Reviewed By :John Carlone 07/31/2023
 Supervised By :Mahesh Dadoda 07/31/2023



#86
 p-Isopropyltoluene
 Concen: 58.977 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD076846.D
 Acq: 28 Jul 2023 10:36

Tgt Ion:119 Resp: 540239
 Ion Ratio Lower Upper
 119 100
 134 25.7 14.2 42.6
 91 21.6 10.5 31.5





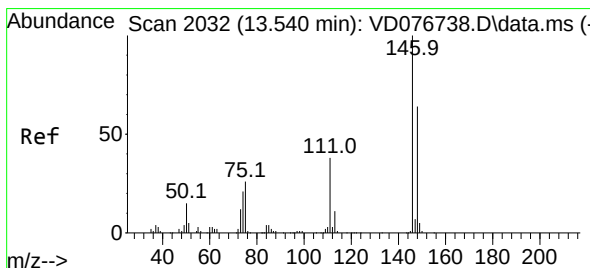
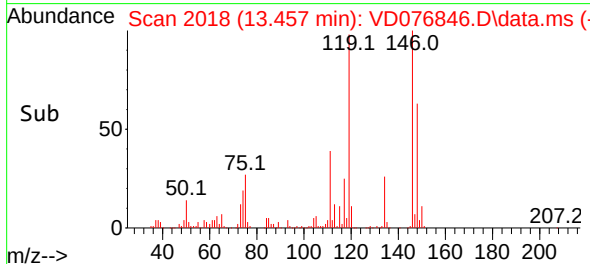
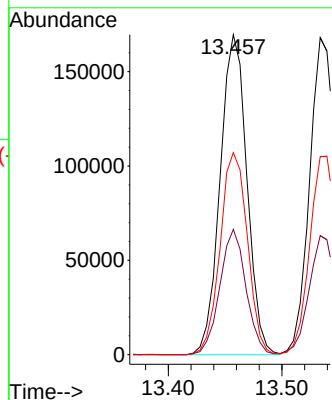
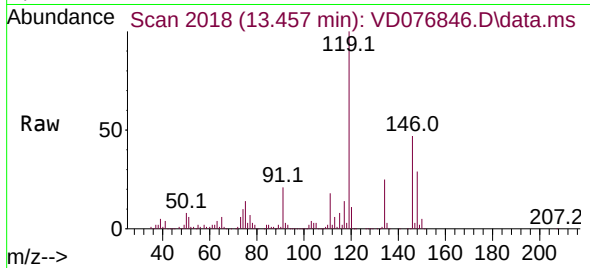
#87
1,3-Dichlorobenzene
Concen: 57.387 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD076846.D
Acq: 28 Jul 2023 10:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 277815
Ion Ratio Lower Upper
146 100
111 38.3 17.9 53.8
148 64.3 32.3 96.8

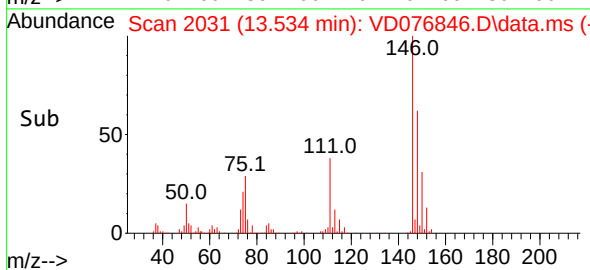
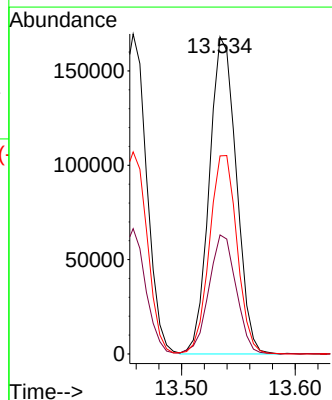
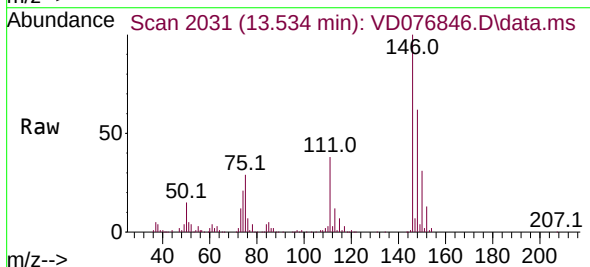
Manual Integrations
APPROVED

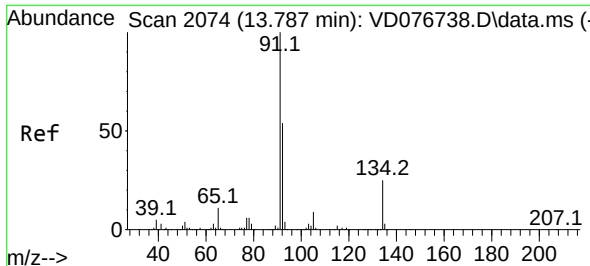
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#88
1,4-Dichlorobenzene
Concen: 58.588 ug/l
RT: 13.534 min Scan# 2031
Delta R.T. -0.006 min
Lab File: VD076846.D
Acq: 28 Jul 2023 10:36

Tgt Ion:146 Resp: 277887
Ion Ratio Lower Upper
146 100
111 38.0 17.4 52.3
148 64.0 31.7 95.1





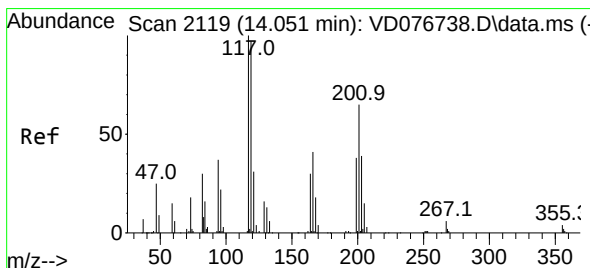
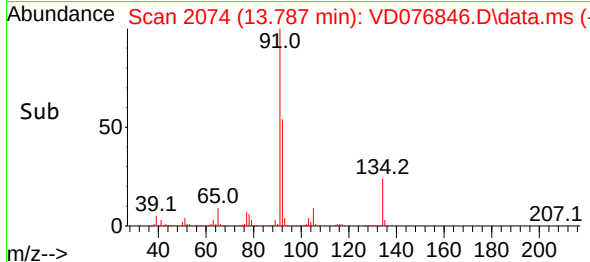
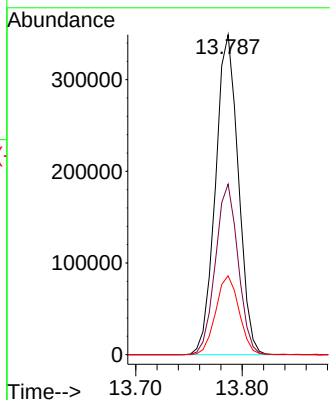
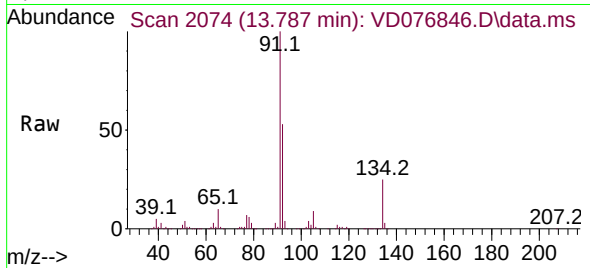
#89
n-Butylbenzene
Concen: 58.019 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD076846.D
Acq: 28 Jul 2023 10:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 52005
Ion Ratio Lower Upper
91 100
92 52.9 26.5 79.5
134 25.2 13.8 41.3

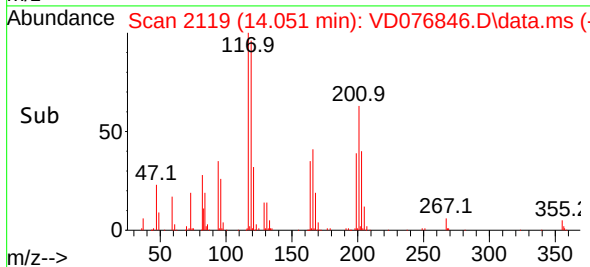
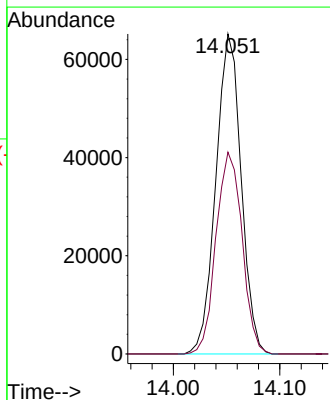
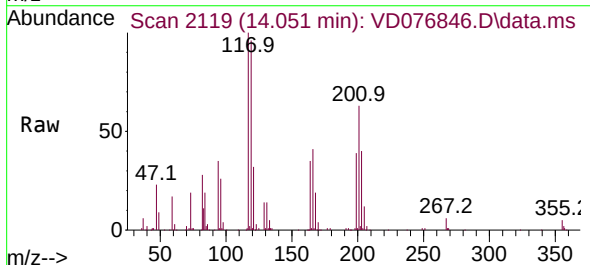
Manual Integrations
APPROVED

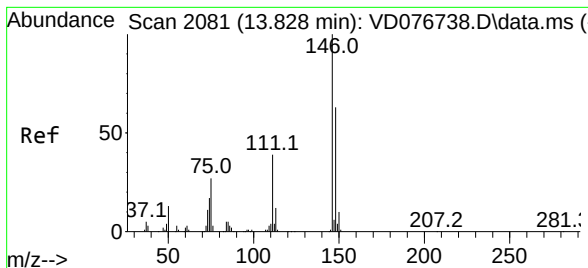
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#90
Hexachloroethane
Concen: 63.441 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD076846.D
Acq: 28 Jul 2023 10:36

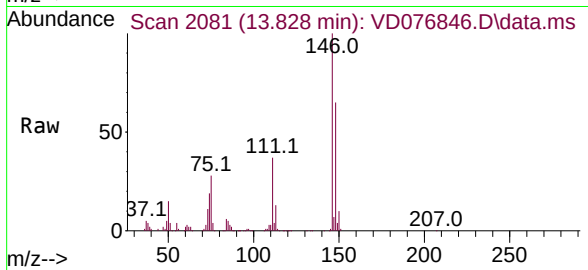
Tgt Ion:117 Resp: 107438
Ion Ratio Lower Upper
117 100
201 65.0 38.5 115.5





#91
1,2-Dichlorobenzene
Concen: 57.531 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD076846.D
Acq: 28 Jul 2023 10:36

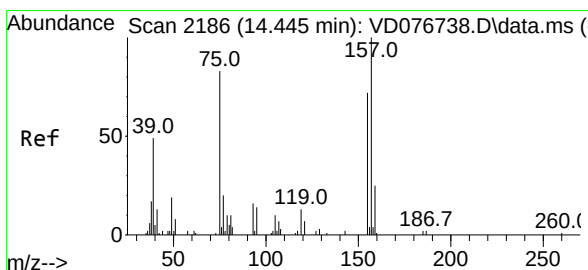
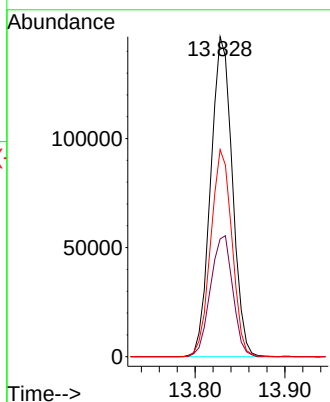
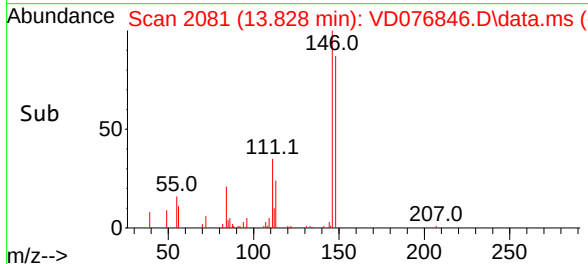
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



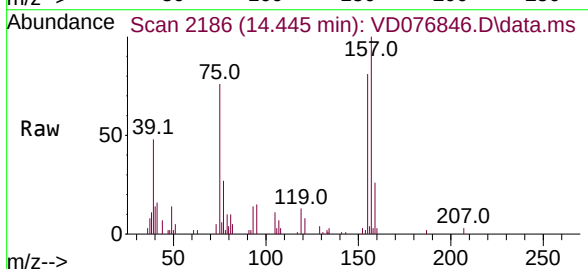
Tgt Ion:146 Resp: 24541
Ion Ratio Lower Upper
146 100
111 38.9 18.3 54.8
148 63.7 31.6 94.7

Manual Integrations
APPROVED

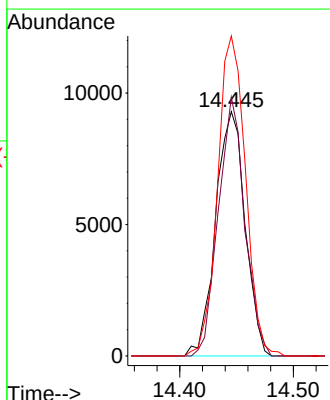
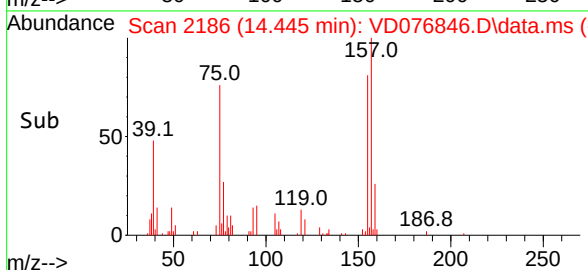
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

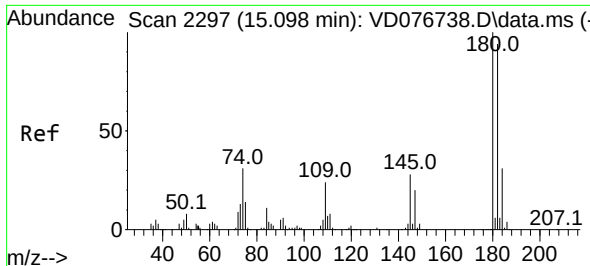


#92
1,2-Dibromo-3-Chloropropane
Concen: 53.485 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD076846.D
Acq: 28 Jul 2023 10:36



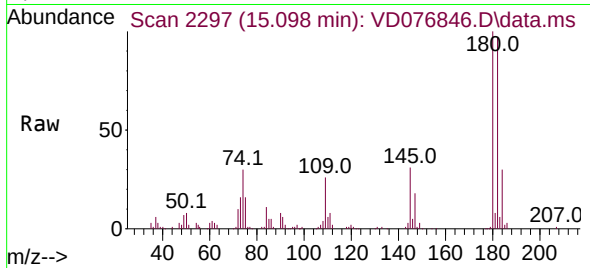
Tgt Ion: 75 Resp: 16696
Ion Ratio Lower Upper
75 100
155 95.0 47.9 143.8
157 124.2 59.9 179.7





#93
 1,2,4-Trichlorobenzene
 Concen: 58.597 ug/l
 RT: 15.098 min Scan# 2297
 Delta R.T. 0.000 min
 Lab File: VD076846.D
 Acq: 28 Jul 2023 10:36

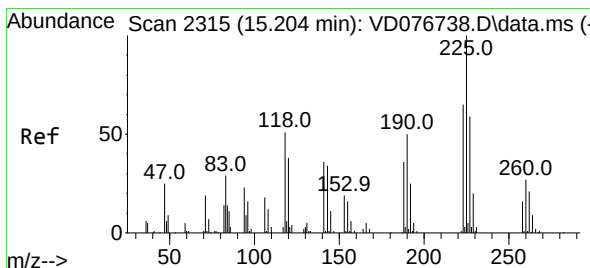
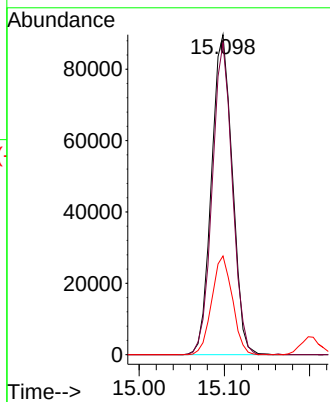
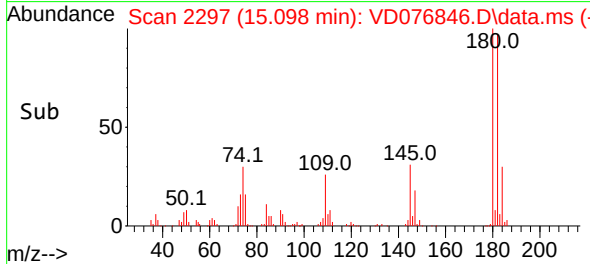
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



Tgt Ion:180 Resp: 152604
 Ion Ratio Lower Upper
 180 100
 182 93.9 48.5 145.6
 145 30.5 14.2 42.6

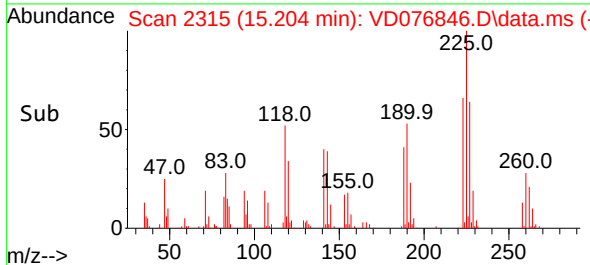
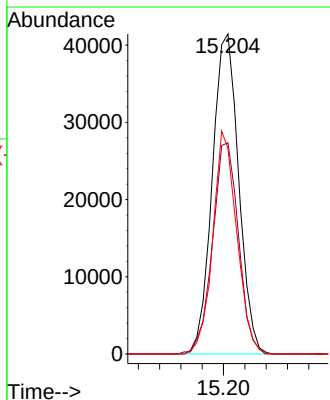
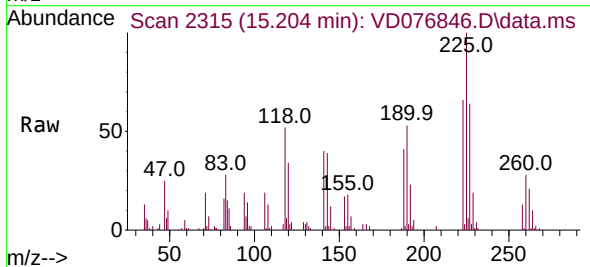
Manual Integrations
 APPROVED

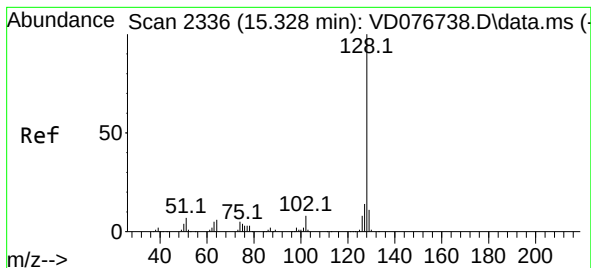
Reviewed By :John Carlone 07/31/2023
 Supervised By :Mahesh Dadoda 07/31/2023



#94
 Hexachlorobutadiene
 Concen: 56.834 ug/l
 RT: 15.204 min Scan# 2315
 Delta R.T. 0.000 min
 Lab File: VD076846.D
 Acq: 28 Jul 2023 10:36

Tgt Ion:225 Resp: 71185
 Ion Ratio Lower Upper
 225 100
 223 64.8 31.6 94.8
 227 63.4 31.7 95.1





#95

Naphthalene

Concen: 57.845 ug/l

RT: 15.328 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VD076846.D

Acq: 28 Jul 2023 10:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

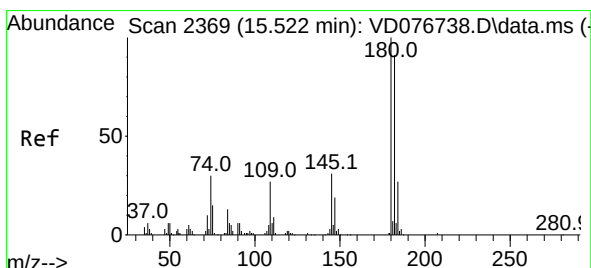
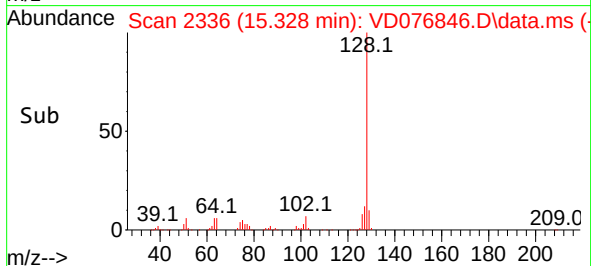
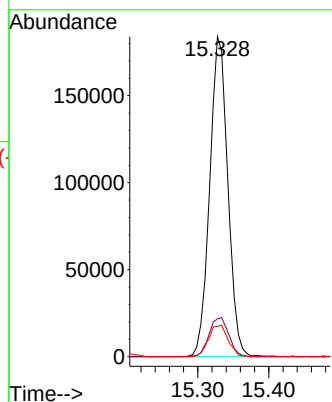
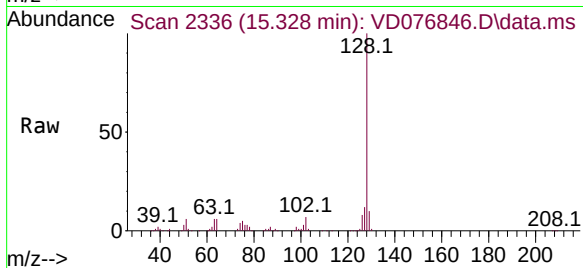
Tgt Ion:	128	Resp:	326180
Ion Ratio	Lower	Upper	
128	100		
127	11.8	10.5	15.7
129	9.5	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#96

1,2,3-Trichlorobenzene

Concen: 57.179 ug/l

RT: 15.516 min Scan# 2368

Delta R.T. -0.006 min

Lab File: VD076846.D

Acq: 28 Jul 2023 10:36

Tgt Ion:	180	Resp:	133630
Ion Ratio	Lower	Upper	
180	100		
182	96.9	47.3	141.9
145	31.9	15.1	45.3

